

Facts and Figures about Michigan; a hand-book of the state, statistical, political, financial, economical, commercial. By Frank J. Bramhall

FACTS AND FIGURES ABOUT MICHIGAN PREPARED BY General Passenger
Department Michigan CENTRAL

CHICAGO, 1885.

PRICE, 15 CENTS

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THE NEW CAPITOL AT LANSING AND THE OLD.

FACTS AND FIGURES ABOUT MICHIGAN

A HAND-BOOK OF THE STATE

STATISTICAL, POLITICAL, FINANCIAL, ECONOMICAL, COMMERCIAL.

LC

BY FRANK J. ARVIES BRAMHALL, GENERAL PASSENGER DEPARTMENT, MICHIGAN CENTRAL.

CHICAGO, 1885.

F. I. WHITNEY, Ass't Gen'l Pass. and Ticket Agent.

O. W. RUGGLES, Gen'l Pass. and Ticket Agent

POOLE BROS. PRINTERS CHICAGO

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STATE OF MICHIGAN.

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EXECUTIVE DEPARTMENT.

GOVERNOR.

His Excellency Russell A. Alger , Detroit.

Term expires Jan. 1, 1887. Salary, \$1,000.

Private Secretary— Gilbert R. Osmun , Detroit. Salary, \$1,600.

LIEUTENANT GOVERNOR.

Hon. Archibald Buttars , Charlevoix.

Salary, \$3.00 per day, during session of Legislature.

SALARY.

Secretary of State— Harry A. Conant, Monroe \$800

Deputy—D. Henry McComas, Lansing 1,800

Chief Clerk—George W. Freeman, Lansing 1,200

Treasurer—Edward H. Butler, Detroit 1,000

Deputy—William Stagg, Detroit 1,800

Cashier—Edwin F. Swan, Flint 1,200

Bookkeeper—Charles F. Moore, Detroit 1,200

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Auditor General— William C. Stevens, Ann Arbor 2,000

Deputy—Hubert R. Pratt, Lansing 1,800

Book-keeper—Henry Humphrey, Lansing 1,200

Chief Clerks—George H. Saxton, Lansing 1,200

Private Secretary—William W. Cook, Leslie 1,100

Commissioner of the State Land Office— Minor S. Newell, Flint 800

Deputy—Henry S. Sleeper, Kalamazoo 1,800

Book-keeper—William Ennis, Lansing 1,200

Chief Clerk—Leland H. Briggs, Almont 1,200

Superintendent of Public Instruction— Theodore Nelson,†

† Appointed *vice* Gass, resigned.

St. Louis 1,000

Deputy—William F. Clarke, Flint 1,800

Attorney General— Moses Taggart, Grand Rapids 800

Clerk—Mrs. Mary A. Miles, Detroit 780

Commissioner of Railroads—William McPherson, Jr., Howell 2,500

Deputy—Wyllys C. Ransom, Lansing 1,500

Commissioner of Mineral Statistics—Charles D. Lawton, Lawton 2,500

Library of Congress

Commissioner of Labor—Cornelius V. R. Pond, Quincy 2,500

Commissioner of Insurance—Henry S. Raymond, Bay City 2,000

Deputy—Henry N. Lawrence, Lansing 1,200

State Librarian—Mrs. Harriet A. Tenney. Lansing 1,000

Assistant—Mrs. Mary C. Spencer, Ypsilanti 700

Chief Salt Inspector—George W. Hill, East Saginaw Fees.

Inspector of Illuminating Oils—Stalham W. La Du, Coral Fees.

(Official whose names are printed above in capitals are elected by the people and hold office for two years from January 1, 1885. All others are appointed.)

STATE BOARDS.

Board of State Auditors.—Secretary of State, State Treasurer and Commissioner of the State Land Office. *Advisory Members*—His Excellency the Governor and the Attorney General. *Secretary*—Thomas M. Wilson, New Baltimore. Salary, \$1,400.

Regular meetings on the last Wednesday of each month.

Board of Control for Reclamation of Swamp Lands.—His Excellency the Governor, Secretary of State, Auditor General, State Treasurer, Attorney General and Commissioner of the State Land Office.

Regular meetings on Thursday following the last Wednesday of each month.

Board of Equalization.—The Lieutenant Governor, Auditor General, Secretary of State, State Treasurer and Commissioner of the State Land Office.

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(The year when term of office expires is given in parenthesis.)

Board of State Canvassers.—Secretary of State, State Treasurer and Commissioner of the State Land Office.

Board of Examination of Claims Growing Out of Sales of Public Lands.—Commissioner of the State Land Office, State Treasurer and Attorney General.

Board of Control of St. Mary's Ship Canal and of the Portage Lake And Lake Superior Ship Canal.—His Excellency the Auditor General and State Treasurer.

Regular meetings first Thursday after the last Wednesday in each month.

Board of Fund Commissioners.—His Excellency the Governor, State Treasurer and Auditor General.

Board of Geological Survey.—His Excellency the Governor, Superintendent of Public Instruction and President of the State Board of Education. *State Geologists*—Charles E. Wright, Marquette.

Board of Internal Improvement.—State Treasurer, Secretary of State and Auditor General.

Board to Take Charge of Escheated Property and other State Assets.—Auditor General, State Treasurer and Secretary of State.

Board for Repairs and Additions to the State Prison.—His Excellency the Governor and the Inspectors of the State Prison.

Agricultural Land Grant Board.—His Excellency the Governor, Auditor General, Secretary of State, State Treasurer, Attorney General and Commissioner of the State Land Office.

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Board of Review for The Assessment of Telegraph and Telephone Lines.—Auditor General, State Treasurer and Commissioner of the State Land Office.

Board of Railroad Consolidations.—Attorney General, Commissioner of Railroads and Secretary of State.

Board of Railroad Crossings.—Attorney General, Secretary of State and Commissioner of Railroads.

Bureau of Statistics of Labor.—Commissioner of Labor, Deputy Commissioner of Labor and Secretary of State.

Board of Education.—Edgar Rexford, Ypsilanti (1887); Bela W. Jenks, St. Clair (1889); James M. Ballou, Allegan (1891). *Secretary, ex-officio*, the Superintendent of Public Instruction.

Board of Corrections and Charities.—His Excellency the Governor; Edwin H. Van Deusen, M. D., Kalamazoo (1887); John J. Wheeler, East Saginaw (1889); Levi L. Barbour, Detroit (1891); Rt. Rev. George D. Gillespie, D. D. (*Chairman*), Grand Rapids (1893). *Secretary*, W. J. Baxter, Lansing.

Board of Health.—Arthur Hazlewood, M. D., Grand Rapids (1887); John Avery, M. D., (*President*), Greenville (1887); V. C. Vaughn, M. D., Ann Arbor (1889); C. V. Tyler, M. D., Bay City (1889); J. H. Kellogg, M. D., Battle Creek (1891); H. F. Lyster, M. D., Detroit (1891). *Secretary*, Henry B. Baker, M. D. Lansing.

Meets at Lansing on the first Tuesdays of January, April, July and October.

Board of Control of Railroads.— *President, ex-officio*, His Excellency the Governor. D. Bethune Duffield (*Secretary*). Detroit: John K. Boles, Hudson; Edward H. Thompson. Flint;

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P. Dean Warner, Farmington; Benjamin F. Chynoweth, Ontonagon; Volney V. B. Merwin, Jackson (February 23, 1889). Meets on call.

Board of State Fisheries.— *Commissioners*, Dr. Joel C. Parker (*President*), Grand Rapids (1887); John H. Bissell, Detroit (1889), and Herschel Whitaker, Detroit (1891). *Superintendent*, Walter D. Marks, Paris; *Secretary*, Andrew J. Kellogg, Detroit; *Treasurer*, William A. Butler, Jr., Detroit.

Stations.—Detroit, whitefish; Paris, brook trout, California trout, landlocked salmon and hybrid trout; Petoskey, whitefish: Glenwood, carp; State Agricultural College, Lansing, carp and bass; Sault Ste. Marie, brook trout, salmon trout, schoodic salmon and whitefish. The two latter stations are awaiting appropriations for improvement.

Whitefish hatched and deposited in 1883 and 1884: Lake Michigan 26,300,000; Lake Superior, 2,000,000; Lake Huron, 4,500,000; Lake St. Clair, 7,000,000; Detroit River, 16,020,000; Lake Erie, 4,000,000; Loon Lake, Oakland county, 1,650,000; total 61,470,000. Brook Trout 719,000, planted in streams in twenty-five different counties. Schoodic Salmon, 18,000 in Teal Lake and 10,000 in Rapid River; total, 28,000.

Incomplete reports give the following product of the Michigan fisheries in 1883: Whitefish, 5,686,291 lbs.; Lake Trout, 5,065,072 lbs.; Herring, 1,760,890 lbs.; Bass, 144,732 lbs.; all other kinds, 1,499,704 lbs.; total, 14,156,689 lbs.; besides over 6,000,000 lbs. not classified.

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STATE INSTITUTIONS.

UNIVERSITY OF MICHIGAN.

Regents .—George Duffield, D. D., Lansing (1886); Jacob J. Van Riper. Buchanan (1886); James Shearer, Bay City (1888); Ebenezer O. Grosvenor, Jonesville (1888); Austin Blair,

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Jackson. (1890); James F. Joy, Detroit (1890); Albert M. Clark, Lexington (1892): Charles J. Willett, St. Louis (1892).

Officers .— *President* , James B. Angell, LL. D.; *Secretary and Steward* , James H. Wade; *Treasurer* , Harrison Soule.

Located at Ann Arbor. Organized 1841. Present value of property, \$812,—984. Income last year, interest on permanent fund, \$38,410; 1—20 mail tax, \$40,500; students' fees, \$56,628; appropriations, \$50,375; miscellaneous, \$5,338; total, \$191,252; expenses, \$189,334. Volumes in library, 62,000. Professors and assistants and students in the several departments 1884—5 as follows: Literature, science and the arts, 48 professors and 539 students; medicine and surgery, 24 professors and 332 students; law, 5 professors and 305 students; pharmacy, 12 professors and 77 students; homeopathic medical college, 8 professors and 57 students; college of dental surgery, 6 professors and 67 students; total, 83 professors and 1,377 students.

Commencement day, 1885, June 25th.

STATE AGRICULTURAL COLLEGE.

Located three miles east of Lansing and is under the supervision of

State Board of Agriculture .—His Excellency the Governor, and Theophilus C. Abbot, LL.D., President of the College. *ex-officio*; Thomas D. Dewey, Owosso (1887); William B. McCreery, Flint (1887); Elijah W. Rising, Davison (1889); Franklin Wells (*President*), Constantine (1891); Cyrus G. Luce. Gilead (1891). *Secretary* , Robert G. Baird; *Treasurer* , Ephraim Longyear.

Edwin Willets, M. A., succeeds Dr. Abbott as President of the college July 1, 1885.

Receipts for year ending September 30, 1884, from interest and appropriations, \$57,709; from other sources \$12,010. Disbursements on account of special appropriations,

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\$20,174; current expenses, \$44,441; balance, \$6,804. Professors, 12; florist, 1; foreman, 1; students, 177; volumes in library, 6,656.

STATE NORMAL SCHOOL.

Officers and Faculty .— *Principal* , Edwin Willies, M. A.; *Vice-Principal* , Austin George, M. A.; *Preceptress* , Julia A. King; and 17 teachers.

Located at Ypsilanti, under management and direction of the State Board of Education (q. v.) Receipts last fiscal year, from appropriation, \$27,050; interest on endowment fund, \$4,200; from tuition fees, etc., \$2,800; total, \$34,050. Expenditures, about \$35,000. Students, January 1, 1885, 627; enrollment will reach 700 during the year. Volumes in library, 5,973. Each member of the Legislature is authorized to appoint two students from his district who will be received free of charge.

Commencement day, 1885, June 24th.

STATE PUBLIC SCHOOL.

Board of Control .—Isaac A. Fancher, *President* , Detroit (1887); Richmond E. Case, Three Rivers (1889); Caleb D. Randall, *Secretary and Treasurer* , Coldwater (1891).

Officers .— *Superintendent* , John N. Foster; *State Agent* , Galen A. Merrill; *Clerk* , F. W. Morgan; *Matron* , Miss Sarah D. Parsons; *Physician* , C. C. Powers, M. D.

Located at Coldwater. School department is constantly in session. Homes are found for children as rapidly as possible and those who remain are steadily at school. State appropriation, 1884, \$39,000; expended, \$38,800. Inmates, January 1, 1885, 270 boys and 32 girls. Volumes in library, 1,300.

STATE REFORM SCHOOL.

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Board of Control .—E. H. Davis, Lansing (1887); James Blair, Grand Rapids (1889); H. B. Rowleson, Hillsdale (1891).

Officers .— *Superintendent* , Cornelius A. Cower; *Assistant Superintendent* , E. C. Bank; *Matron* , Mrs. Dora L. Cower; *Bookkeeper* , J. E. St. John; *Physician* , J. W. Hagadorn. M. D.

Located at Lansing, under the general supervision of the State Board of Corrections and Chastise (*q. v.*) Receipts, appropriation for 1884, current expenses, \$45,900; for building account, \$20,600; from shop work, etc., \$10,084 Disbursements, \$74,075. Balance on hand September 30, 1884, \$14,603. Admitted, 1882–3, 191; 1883–4, 234; whole number since opening in 1856, 3,129; number in school, September 30, 1884, 440.

INDUSTRIAL HOME FOR GIRLS.

Board of Control .—Mrs. Mary E. Cooley, Ann Arbor (1887); Mrs. Arthurette S. Fuller (*President*), Grand Rapids (1889); William Corbin. Adrian (1889); Mrs. Eliza S. Stebbins, Lansing (1891); Theodore S. Hinchman, Detroit (1891).

Superintendent , Miss Margaret Scott; Clerk, Miss E. M. Gilbert; *Physician* , Miss Rose C. Wilder, M. D.

Located at Adman. Opened Aug 1, 1881. Value of property, \$145,210 Receipts for two years ending September 30, 1884, from State Treasurer, 7 \$92,607; sale of produce, work, etc., \$997; interest, \$212; total, \$93,816. Expenditures (including building, \$24,869, and land, \$8,000); \$86,488. Girls received since opening, 205; returned, 11; died, 3; discharged, 7; indentured, 27; remaining September 30, 1884, 157.

INSTITUTION FOR EDUCATING THE DEAF AND DUMB.

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Trustees .—Jerome Eddy (*President*), Flint (1889); James C. Willson. (Treasurer), Flint (1887); Charles D. Belknap (*Secretary*), Grand Rapids (1891).

Officers .— *Superintendent* , Marshall T. Gass; *Steward* , Dan. H. Church; *Matron* , Mrs. Grace I. Case; *Physician* , A. A. Thompson, M. D.

Located at Flint. Appropriation for 1884, current expenses, \$45,000; buildings and improvements, \$36,500. Admitted during 1884, 43; discharged, 3; remaining January 1, 1885, 266; 15 deaf, 1 dumb, 250 deaf and dumb.

SCHOOL FOR THE BLIND.

Commissioners .—Townsend North (*President*), Vassar; T. S. Applegate (*Secretary*), Adrian; James M. Turner (*Treasurer*), Lansing.

Superintendent , J. F. McElroy; *Matron* , Miss L. V. Abbott.

Located at Lansing. State appropriation for 1884, for current expenses, \$26,000; for buildings and special purposes, \$80,000. Pupils enrolled during school year, 70; on January 1, 1885, 60.

MICHIGAN ASYLUM FOR THE INSANE.

Trustees .—Ira R. Grosvenor, Monroe (1887); Robert Burns, Kalamazoo (1887); Alva W. Nichols, Greenville (1889); Foster Pratt, Kalamazoo (1889); George Hannahs, South Haven (1891); Charles T. Mitchell, Hillsdale (1891).

Officers .— *Medical Superintendent* , George C. Palmer, M. D.; *Assistant Medical Superintendent* , Halsey L. Wood, M. D.; *Physicians* , William L. Worcester, M. D., Thomas R. Savage, M. D., William M. Edwards, M. D., and Helen W. Bissell, M. D.; *Steward* , Stephen G. Earle; *Treasurer* , Allen Potter; *Acting Chaplain* , George F. Hunting.

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Located at Kalamazoo. State appropriation, 1882–84, for buildings, \$12,100. Received from the State, counties and individuals for care of patients, \$376,227. Patients under treatment, September 30, 1882: Males, 376, females, 364; total, 740; received during 1882–84, males, 176; females, 150; total, 326; died and discharged, males, 146; females, 122; total, 268; remaining, September 30, 1884, males, 406; females, 392; total, 798.

EASTERN ASYLUM FOR THE INSANE.

Trustees .—Augustus C. Baldwin, Pontiac (1887); Willard M. McConnell, Pontiac (1887); Moses W. Field, Detroit (1889); Jacob S. Farrand, Detroit (1889); Warren G. Vinton, Detroit (1891); Norman Geddes, Adrian (1891).

Officers .— *Medical Superintendent* , Henry M. Hurd, M. D.; *Assistant Medical Superintendent* , James D. Munson, M. D.; *Assistant Physicians* , Col. B. Burr, M. D., Edmund A. Christian, M. D., and Charles W. Hitchcock, M. D.; *Steward* , George L. Seagrave; *Treasurer* , John D. Norton; *Chaplain* , Rev. D. C. Jacokes. D. D.

Located at Pontiac. State appropriation, 1883–4, for improvements, \$3,050; received from State, counties and individuals for care of patients, \$145,555. Expenditures for care of patients, etc., \$134,569. Patients under treatment, January 1, 1884: Males, 331; females, 314; total, 645: admitted during 1884, males 106, females 83, total 189: discharged and died, males, 96; females, 78; total, 174; remaining January 1, 1885, males, 341; females, 319; total, 660.

NORTHERN ASYLUM FOR THE INSANE.

Commissioners .—Perry Hannah, Traverse City; E. H. Van Deusen, Kalamazoo; M. H. Butler, Mt. Clemens; Henry H. Riley, Constantine; Alexander Chapoton, Sr., Detroit.

Now in process of construction at Traverse City. *Superintendent of Construction* , C. M. Wells.

STATE PRISON.

Inspectors .—Wm. Chamberlain, Three Oaks (1887); W. A. Woodard, Jr., Owosso (1889); D. S. Smith, Jackson (1891).

Officers .— *Warden* , Hiram F. Hatch; *Chaplain* , Rev. Geo. H. Hickox; *Physician* , W. H. Palmer, M. D.

Located at Jackson in 1839. Value of property, \$664,465. Disbursements last fiscal year, \$102,634; earnings, \$74,778. Number of prisoners, Jan. 1, 1884, 599; received during 1884, 289; discharged, 199; remaining, Jan. 1, 1885, 689; employes, 55.

HOUSE OF CORRECTION

Managers .—Hampton Rich, Ionia (1887); John Heffron, Detroit (1891); Abraham H. Piper, Detroit (1891).

Officers .— *Warden* , Erwin C. Watkins; *Deputy Warden* , J. Q. Cressy; Treasurer, P. D. Cutler; Clerk, R. D. Sessions; *Physician* , A. B. Way, M. D.; Chaplain, Rev. H. O. Parker.

Located at Ionia in 1877. Cost, \$250,000. Running expenses last fiscal year, \$125,520; earnings from convict labor, \$50,000. Number of inmates, 750; employes, 37.

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STATE ASSOCIATIONS.

State Pioneer Society.— *President*, Francis A. Dewey, Cambridge; *Recording Secretary*, Mrs. Harriet A. Tenney, Lansing; *Corresponding Secretary*, George H. Greene, Lansing; *Treasurer*, Ephraim Longyear, Lansing; *Executive Committee*, the President, *ex-officio*, John, C. Holms, Detroit, Henry Fralick, Grand Rapids, Albert Miller, Bay City; *Committee of Historians*, the President, *ex-officio*, M. Shoemaker (Chairman), Jackson, T. E. Wing,

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Monroe, O. E. Comstock, Marshall, M. H. Goodrich, Ann Arbor, H. G. Wells, Kalamazoo, Mrs. Harriet A. Tenney, Lansing.

State appropriation, general fund, \$500; publication fund, \$2,000; volumes issued, six. Next annual meeting and election June 3, 1885, at Lansing.

State Association of Superintendents of the Poor.— *President*, D. B. Green, Ypsilanti; *Vice-President*, A. O. Hyde, Marshall; *Secretary*, S. S. Dryden, Allegan; *Treasurer*, Isaac Lewis, Monroe.

State Agricultural Society.— *President*, E. O. Humphrey, Kalamazoo; *Secretary*, Joe C. Sterling, Monroe; *Treasurer*, A. J. Dean, Adrian; *Ex-Presidents*—M. Shoemaker, Jackson; James Bailey, Birmingham; W. J. Baxter, Jonesville; George W. Griggs, Grand Rapids; Charles Kipp, St. Johns; E. O. Humphrey, Kalamazoo; W. L. Webber, East Saginaw; George W. Phillips, Romeo; Henry Fralick, Grand Rapids; Philo Parsons, Detroit. *Executive Committee* (1886)—Abel Angel, Bradley; D. W. Howard, Pentwater; H. O. Hanford, Plymouth; F. L. Reed, Olivet; A. F. Wood, Mason; F. V. Smith, Coldwater; J. Q. A. Burrington, Tuscola; M. P. Anderson, Midland; John Gilbert, Ypsilanti; C. W. Young, Paw Paw; (1887)—William Ball, Hamburg; A. O. Hyde, Marshall; W. H. Cobb, Kalamazoo; E. W. Rising, Davison Station; J. P. Shoemaker, Amsden; I. H. Butterfield, Jr., Lapeer; John Lessite, Jersey; William Chamberlain, Three Oaks; M. J. Gard, Volinia; J. C. Sharp, Jackson.

Twenty-seventh annual fair will be held at Kalamazoo, September 14 to 18, 1885. Election of officers on second day.

Eastern Michigan Agricultural and Mechanical Association.— *President*, E. M. Cole, Superior, *Vice-Presidents*, William Lay, Ypsilanti, and John W. Naury, Superior; *Secretary*, Frank Joslyn, Ypsilanti; *Treasurer*, William Campbell, Ann Arbor. *Executive Committee*—G. A. Peters, Scio; David M. Uhl, Ypsilanti; J. B. Berdan, Plymouth; William Lowden, Augusta; W. W. Van Dyne, York; John G. Rooke, Superior; T. Sutherland, Pittsfield; W. H.

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Hawkins, Ypsilanti; Henry F. Horner, Canton; Loren Riggs, Van Buren; James M. Cress, Manchester; P. H. Murray, Salem; E. P. Harper. Lodi; John S. Nowland, Ann Arbor.

Fourteenth annual fair at Ypsilanti, September 21 to 24, 1885; election of officers on last day.

Central Michigan Agricultural Society.— *President*, E. H. Whitney, Lansing; *Secretary*, Ben B. Baker, Lansing; *Treasurer*, D. F. Woodcock, Lansing. *Managers*—W. S. Bates, Ionia; Josiah Dilley, Portland; A. M. Willetts, Muir; C. E. Hollister, Laingsburg; G. B. Smith, Eagle, R. B. Carnes, St. Johns; Geo. M. Colby, Shattsburg; J. B. Wheeler, Corunna L. W. Barnes, Byron; S. A. Barnes, Charlotte; W. W. Williams, Eaton Rapids; John Russell, Grand Ledge; A. F. Wood, Mason; N. C. Branch, Williamston Luther Hasbrouck, Leslie; William Ball, Hamburg; E. W. Hardy, Osceola; George Wright, Iosco; Wm. Radford, Marshall; R. J. Emery, Albion; H. R. Kingman, Battle Creek; J. W. Dey, Springport; W. J. G. Dean, Hanover; Caleb Angevine, Jackson.

Fourth annual spring fair will be held at Lansing, June 9 to 12, 1885, and twentieth annual fall fair at Lansing, September 28 to October 2, 1885.

Northeastern Agricultural Society.— *President*, William Hamilton, Flint; *Treasurer*, John T. Rich, Elba; *Secretary*, George F. Lewis, Saginaw City. *Directors*, Thomas Dean and J. Van Buskirk, of Alcona; H. P. Merrill and Wm. Westover, of Bay; Thos. Foster and Geo. W. Stuart, of Genesee; W. S. Turek and J. A. Paddock, of Gratiot; Wm. N. Brown and John Fraser, of Isabella; John Abbott and Geo. P. Chapman, of Lapeer; J. J. Ryan and J. Cochrane, of Midland; W. C. Wixom and George Seeley, of Oakland; W. J. Barrow and David Geddes, of Saginaw; Charles F. Moore and Fred A. Beard, of St. Clair; D. G. Slafter and W. A. Heartt, of Tuscola.

Fifth annual fair will be held at Flint, September 21 to 25, 1885.

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Western Michigan Agricultural and Industrial Society.— *President*, D. P. Clay, Grand Rapids; *Vice-President*, H. C. Sherwood, Watervliet; *Secretary*, James Cox, Grand Rapids; *Treasurer*, E. B. Dikeman, Grand Rapids; *General Superintendent*, H. C. Sherwood, Watervliet.

Seventh annual fair will be held at Grand Rapids, September 21 to 25, 1885.

State Horticultural Society.— *President*, T. T. Lyon, South Haven; *Secretary*, Charles W. Garfield, Grand Rapids; *Treasurer*, S. M. Pearsall, Grand Rapids; *Executive Board*, W. K. Gibson, Jackson, E. H. Scott, Ann Arbor, J. N. Stearns, Kalamazoo, Prof. James Satterlee, Lansing, H. W. Davis, Lapeer, C. A. Sessions, Mears.

Next annual exhibition of fruits and flowers will be held in Kalamazoo, September 13 to 17, 1885. The society has twenty-nine branches in the State.

Michigan Bee Keepers' Association.— *President*, Prof. A. J. Cook, Lansing; *Secretary*, H. D. Cutting, Clinton; *Treasurer*, M. H. Hunt, Bell Branch.

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Next annual meeting December 8 to 10, 1885, at Detroit, in conjunction with the North American Bee Keepers' Association.

Patrons of Husbandry, State Grange.— *Master*, Cyrus G. Luce, Gilead; *Overseer*, John Holbrook, Lansing; *Lecturer*, Perry Mayo, Battle Creek; *Steward*, Harrison Bradshaw, North Branch; *Chaplain*, I. N. Carpenter, Omena; *Treasurer*, E. A. Strong, Vicksburg; *Secretary*, J. T. Cobb, Schoolcraft; *Gate-keeper*, A. M. Agens, Ludington; *Ceres*, Mrs. J. W. Belknap, Greenville; *Pomona*, Mrs. W. T. Remington, Alto; *Flora*, Mrs. C. G. Luce, Gilead; *Executive Committee*, the Master and the Secretary, *ex-officio*, J. G. Ramsdell, Traverse City, H. D. Platt, Ypsilanti, Thomas Mars, Berrien Centre, J. Q. A. Burrington,

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Tuscola, William Setterlee, Birmingham, Thomas F. Moore, Adrian, W. T. Adams, Grand Rapids.

Michigan Engineering Society.— *President*, Prof. Joseph B. Davis, C. E., Ann Arbor; *Vice-President*, George E. Steele, Traverse City; *Secretary and Treasurer*, Prof. R. C. Carpenter, C. E., Lansing.

Next annual convention will be held at Ann Arbor in the winter of 1885–6.

Michigan Sportsmen's Association.— *President*, E. S. Holmes, Grand Rapids; *Treasurer*, N. A. Osgood, Battle Creek; *Secretary*, Mark Norris, Grand Rapids; *Directors*, W. C. Colburn, Detroit, D. H. Fitzhugh, Jr., Bay City, T. S. Cobb, Kalamazoo, E. C. Nichols, Battle Creek.

Next annual meeting will be held at Kalamazoo on the second Tuesday in February, 1886.

Grand Army of the Republic, Department of Michigan.— *Commander*, Charles D. Long, Flint; *Senior Vice-Commander*, G. L. Fisher, Fowlerville; *Junior Vice-Commander*, H. F. Higgins, Petoskey; *Assistant Adjutant General*, Oscar F. Lochhead, Flint; *Assistant Quartermaster General*, Ira H. Wilder, Flint; *Inspector*, C. G. Hampton, Detroit; *Medical Director*, Norman Johnson, Bay City; *Chaplain*, E. P. Gibbs, Grand Haven; *Judge Advocate*, Dan Griffith, Jackson; *Chief Mustering Officer*, Wm. G. Gage, East Saginaw; *Council of Administration*, James W. Romeyn, Detroit, George E. Aiken, Bay City, C. O. Jennison, Greenville, Albert Dunham, Jackson, J. D. Ronan, Monroe.

Number of Posts January, 1885, 294; members, 14,596; net increase during 1884, seventy-three posts and 3,861 members. Department encampment for 1886 will be held at Jackson.

Woman's Relief Corps.— *Department President*, Mrs. Emma S. Hampton, Detroit; *Secretary*, Mary B. Durfee, Detroit.

Library of Congress

Auxiliary to the Grand Army of the Republic.

State Medical Society.— *President*, Donald Maclean, M. D., Detroit; *Vice-Presidents*, J. Perkins, M. D., Owosso, J. M. Cook, M. D., Muskegon, Gordon Chittock, M. D., Jackson, Carl Brumme, M. D., Detroit; *Secretary*, George E. Ranney, M. D., Lansing; *Treasurer*, A. R. Smart, M. D., Hudson.

Nineteenth annual meeting June 10, 1885, at Port Huron.

Republican State Committee.— *Chairman*, Philip T. VanZile†

† Members of Executive Committee.

, Charlotte; *Secretary*, A. W. Smith, Adrian. *Members*— *1st Dist.*, M. S. Smith and W. H. Coots,† Detroit; *2d*, Burton Parker, Monroe; H. B. Rowison, Hillsdale; *3d*, D. B. Ainger,† Charlotte; Z. G. Osborne, Coldwater; *4th*, T. F. Giddings,† Kalamazoo; Wm. Chamberlain, Three Oaks; *5th*, G. W. McBride, Grand Haven; John Patton, Jr.,† Grand Rapids; *6th*, Charles D. Long, Flint; E. C. White, Ovid; *7th*, R. Winsor, Port Austin; S. J. Tomlinson, Lapeer; *8th*, Wm. M. Kilpatrick,† Owosso; C. M. Martin, Greenville; *9th*, E. L. Gray, Newaygo; F. J. Meech, Norwood; *10th*, Green Pack,† Oscoda; Fred. Slocum, Caro; *11th*, Thomas T. Bates, Traverse City; C. E. Holland,† Houghton.

Member National Committee, John P. Sanborn, Port Huron.

Democratic State Committee.— *Chairman*, Jerome Eddy, Flint; *Treasurer*, I. M. Weston, Grand Rapids; *Secretary*, H. F. Pennington, Charlotte. *Members*, *1st Dist.*, John J. Enright† and John Miner, Detroit; *2d*, E. J. Smith, Adrian; John Strong, Rockwood; *3d*, H. F. Pennington,† Charlotte; Enoch Bancker, Jackson; *4th*, H. C. Sherwood, Watervliet; A. J. Shakespeare, Kalamazoo; *5th*, I. M. Weston,† Grand Rapids; Geo. D. Sanford, Grand Haven; *6th*, Quincy A. Smith, Williamston; Elliot R. Wilcox, Pontiac; *7th*, Isaac T. Beach,† Almont; W. T. Bope, Bad Axe; *8th*, Frank Lawrence, East Saginaw; James S. Crosby, Greenville; *9th*, W. B. Wilson, Muskegon; Charles E. Ressiguie, Custer; *10th*, C. J.

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Pailthorp, Petoskey; Lucien S. Coman, Bay City; *11th*, Thomas L. Brady, Houghton; G. L. Trompe, Sault Ste. Marie.

Member National Committee, Don M. Dickinson, Detroit.

Union (Prohibition) State Committee.— *Chairman*, Samuel Dickie, Albion; *Secretary and Treasurer*, William A. Taylor, Lansing. *Members*— *1st Dist.*, Caleb S. Pitkin, Detroit; A. D. Power, Northville; *2d*, G. P. Waring, Ridgeway; John Shoemaker, Ann Arbor; *3d*, M. J. Fanning, Jackson; Wm. C. Gage, Battle Creek; *4th*, A. Sherwood, New Troy; A. Alcott, Kalamazoo; *5th*, J. H. Tatem, Grand Rapids; A. B. Cheney, Sparta; *6th*, D. H. Stone, Holly; C. L. Randall, Danville; *7th*, Robert King, Lapeer; Calvin Bush, Mt. Clemens; *8th*, E. L. Brewer, Owosso; Isaac E. Springer, Saginaw City; *9th*, W. W. Barcus, Muskegon; Wm. H. Barry, Shelby; *10th*, A. M. Webster, East Tawas; Silas A. Lane, Vassar; *11th*, P. Ross Parish, Calumet; O. E. Downing, Ishpeming.

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MICHIGAN STATE TROOPS. COMMANDER IN CHIEF.

His Excellency Russell A. Alger , Governor.

STAFF.— *Adjutant-general* , Brig.-Gen'l John Robertson , Detroit; *Inspector-General* , Brig.-Gen'l James H. Kidd , Ionia; *Quartermaster-General* , Brig.-Gen'l George A. Hart , Manistee; *Aides-de-Camp* , Cols. A. T. Bliss , Saginaw, D. B. Ainger , Charlotte, J. N. Cox , Calumet, J. A. Kellogg , Niles; *Military Secretary* , Major G. R. Osmun , Detroit; *Paymaster General* , Col. O. A. Janes , Hillsdale; *Judge Advocate* , Major A. F. Parsons , Howell.

STATE MILITARY BOARD. — The Inspector-General, *ex-officio* , Col. Henry M. Duffield , Detroit, and Col. Charles D. Long , Flint.

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BRIGADE OFFICERS.— *Brigadier-General* , Israel C. Smith , Grand Rapids; *Ass't Adj't-Gen'l* , Lieut.-Col. Charles W. Calkins , Grand Rapids; *Inspector* , Lieut.-Col. Joseph C. Herkner , Grand Rapids; *Quartermaster* , Lieut.-Col. William A. Butler , Jr., Detroit; *Surgeon* , Lieut.-Col. Wilber A. Hendrix , Big Rapids; *Aides-de-Camp* , Capts. Alonzo B. Porter , Grand Rapids, and Fred. E. Farnsworth , Detroit.

FIRST REGIMENT.

Field and Staff .— *Colonel* , D. Henry McComas, Lansing; *Lieutenant-Colonel* , Benjamin F. Wheeler, Adrian; *Major* , Elmer W. Bowen, Ypsilanti; *Surgeon* , Charles M. Woodward, Tecumseh; *Ass't Surgeon* , Thomas Sullivan, Ann Arbor; *Chaplain* , George B. Stocking, Lansing; *Adjutant* , William P. Appleyard, Lansing; *Quartermaster* , Harrison Soule, Jackson.

Co's Located. Captain. First Lieut. Second Lieut. Strength. A Ann Arbor Jacob F. Schuh Charles Hiscock M. J. O'Brien 71 B Adrian Martin O'Leary John Smallshaw Robert Darnton 60 C Tecumseh Fred. B. Wood Thos. R. Kyle Emory A. Doke 73 D Monroe Adam Rupp Merrill E. Webb F. L. Ilgenfritz 62 F Ypsilanti Jos. H. Manning Oscar J. Rogers W. J. Hyzer 58 G Jackson John Gaebelin Wm. Crone Alex. Brown 81 H Lansing Wyman W. Staley Fred. Shubel, Jr. Andrew Purcell 60 K Mason And. W. Mehan S. D. Neely Jno. C. Squiers 61

SECOND REGIMENT.

Field And Staff .— *Colonel* , John P. Sumner, Kalamazoo; *Lieutenant-Colonel* , Winfield S. Millard, Niles; *Major* , Henry W. Calkins, Grand Rapids; *Surgeon* , William F. Hake, Grand Rapids; *Assistant Surgeon* , Irwin Simpson, Kalamazoo; *Chaplain* , Washington Gardner, Jackson; *Adjutant* , Frank Phillips, Kalamazoo; *Quartermaster* , Mark A. Rodman, Ionia.

Co's Located. Captain. First Lieut. Second Lieut. Strength. A Coldwater William Mix William Ehrle George Miller 65 B Grand Rapids W. T. McGurrin Eugene W. Jones M. A. Heyman 64 C Kalamazoo Edwin M. Irish 63 D Three Rivers A. E. Silliman Fred. A. Bellman E. V. Jackson 63 E Big Rapids C. M. Wiseman Harvey Phillips H. H. Lusenkamp 58 F Grand Haven H. F. Harbeck F. H. Mansfield Dwight Cutler 54 G Ionia Robt. W.

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Chester B. S. Buchanan John C. Beattie 74 H Manistee Fred. B. Baldwin Julius C. Nims
Henry Brophy 74 I Grand Rapids Chas. H. Rose A. W. Seymour H. B. Marvin 59

THIRD REGIMENT.

Field and Staff .— *Colonel* , Charles S. Brown, Flint; *Lieutenant-Colonel* , Robert M. Donelly, Alpena; *Major* , Charles R. Hawley, Bay City; *Surgeon* , Hiram R. Mills, Port Huron; *Assistant Surgeon* , Arthur Wilkinson, Alpena; *Chaplain* , Henry M. Curtis, Flint; *Adjutant* , Hart M. Sperry, Flint; *Quartermaster* , William B. Atwood, Flint.

Co's Located. Captain. First Lieut. Second Lieut. Strength. A Flint George E. Childs Jos. H. Rankin Wm. Bolan 81 B Alpena Frank C. Holmes Thos. F. Oliver W. D. Hitchcock 80 C Bay City Robert S. Pratt James McKay Clark Haire 82 D Saginaw Albert Trask James McCaffrey G. S. Lockwood 83 E East Saginaw J. M. Keller Edward Glynn H. A. Forresh 63 F Port Huron Geo. H. Phillips M. L. Goodman W. H. Stapleton 71 G Marquette John E. Ward James E. Ball Dennis Hogan 95 H Calumet Will A. Childs John B. Curtis Frank B. Lyon 85 11

FOURTH REGIMENT.

Field and Staff .— *Colonel* , Eugene Robinson, Detroit; *Lieutenant-Colonel* , August Goebel, Detroit; *Major* , Patrick J. Sheahan, Detroit; *Surgeon* , James B. Book, Detroit; *Assistant Surgeon* , John E. Clark, Detroit; *Chaplain* , G. Mott Williams, Detroit; *Adjutant* , J. Irvin Haight, Detroit; *Quartermaster* , Frederick W. Brede, Detroit.

Co's Located. Captain. First Lieut. Second Lieut. Strength. A Detroit Wm. G. Latimer Sidney R. Dixon Fred. L. Abel 79 B Detroit J. J. Atkinson Jas. W. Fisher Richard Walsh 74 C Detroit Edward Rode Joseph Thiery F. R. Gartner 66 D Detroit Charles Dupont George W. Corns H. B. Lothrop 72 E Detroit Charles Lynch John Lennane David Downing 55 F Grand Rapids Jos. P. Babcock Geo. E. Cogshall J. T. Stiles 50 G Jackson John E. Tyrrell P. J. Delehenty J. C. McCabe 50 H Detroit M. G. Borgman Ed. C. Richmond F. E. Murphy 50

THE STATE FINANCES.

Library of Congress

The report of State Treasurer Butler for the fiscal year, ending September 30, 1884, showed the State to be practically out of debt and in a prosperous and gratifying financial condition. The bonded debt consisted of \$12,150 past-due Five Million Loan Bonds and \$234,000 7 per cent. 1890 War Bounty Loan Bonds. The credit balances of the several funds were as follows:

General Fund \$753,568 Agricultural College Interest Fund 5,117 Normal School Interest Fund 994 Primary School Interest Fund 363,245 Sundry Deposits Account 4,909 War Fund 8,570 St. Mary's Canal Fund 68,927 War Bounty Loan Bond Account 234,000 \$1,439,330

To meet which there were in the Sinking Fund \$297,000 in U. S. 4½ per cent. Bonds and a cash balance in bank of \$1,142,330.

The Trust Fund Debt, composed of balances upon which the State, as trustee, pays interest for educational purposes, was:

Agricultural College Fund \$272,327 Normal School Fund 61,285 Primary School Fund (7 per cent.) \$3,124,810 " " " (5 per cent.) 359,376 3,484,186 University Fund 495,823 Making an aggregate of \$4,313,621

The receipts and disbursements during the fiscal year may be summarized as follows:—

RECEIPTS — GENERAL FUND.

Balance, September 30, 1883 \$585,187 Auditor-General's Office, — Taxes, etc. Tax Histories, Statements, and Deeds \$3,689 Delinquent Taxes, etc. 172,995 State Tax Lands, Act 229 of 1881 119,124 295,797 County Treasurers—Taxes and Proceeds of Sales \$1,804,491 State Prison, Convict Labor 59,656 Fees, Licenses, etc 7,272 Interest on Specific Taxes, Surplus Funds and U. S. Bonds 48,168 Sales of Michigan Reports and Documents, and Refunds 1,857 Sales of State Lands and 5 per cent. on U. S. Sales of Lands 41,955 Liquor Tax, Rents, Taxes on part-paid Lands, etc. 10,441 Transfers from Agricultural College Fund \$13,803 Normal School Fund 420 Primary School Fund 70,434 Specific Tax Fund 42,844 Swamp Land Fund 117,523 University Fund 2,421 247,445 Total \$3,102,268

Library of Congress

DISBURSEMENTS—GENERAL FUND.

Appropriations— Eastern Asylum for the Insane \$11,250 Michigan Asylum for the Insane 8,546 Northern Asylum for the Insane 151,251 Asylum for Insane Criminals 27,589 Institution for Educating Deaf and Dumb 74,200 Michigan School for the Blind 64,083 \$336,919 12 Board of Corrections and Charities \$3,884 Board of Fish Commissioners 10,000 Bureau of Labor and Industrial Statistics 4,691 Immigration Agency 8,000 State Board of Health 5,759 \$32,334 Agricultural College 30,306 State Normal School 28,288 State Public School for Dependent Children 39 150 University of Michigan 90,875 188,619 Michigan State Reform School 76,250 State House of Correction 1,700 State Industrial Home for Girls 48,486 126,438 Howell Compilation 47 500 Military Account 40 029 Michigan in the War 5,568 Other Miscellaneous Appropriations 23,084 116,181 Expenses of State Government— Awards of Board of State Auditors 151,188 Conveyance and Apprehension of Convicts 33,401 Expenses State Prison 78,656 Expenses State House of Correction 82,000 Support of Insane 194,861 Miscellaneous Expenses of Institutions 6,101 395,101 Expenses of Courts and Costs of Suits 7,067 Refunds of Taxes, Interest, etc. 21,704 Salaries State Officers, Clerks and Judges 242,773 Taxes—Expenses, County Funds, etc. 628,579 Miscellaneous Expenses 5,019 Transfers to Primary School Fund 9,706 Swamp Land Fund 87,160 96,866 Balance, September 30, 1834 753,568 Total \$3,102,268

SPECIFIC TAX FUND—RECEIPTS.

From Railroad Companies \$617,629 Fire and Life insurance Companies 126,065 Mining Companies 43,306 Telegraph and Telephone Companies 10,145 Other Companies 5,454 \$802,599

DISBURSEMENTS.

Transfers to Agricultural College Int. Fund \$18,739 General Fund 42,844 Normal School Interest Fund 3,662 Primary School Interest Fund 673,438 Two Million Loan Sinking Fund 10,313 University Interest Fund 18,585 War Fund 18,585 Refunded 400 \$802,599

GOVERNORS OF MICHIGAN.

FRENCH CANADIAN GOVERNORS.

APPOINTED.

Library of Congress

Samuel de Champlain, Lieut. General and Viceroy 1612

Marc Antoine de Bras-de-Fer de Chasteaufort, Viceroy 1635

Charles Huault de Montmagny, Governor and Lieut. General 1636

Louis d'Aillebout de Coulonges 1648

Jean de Lauson 1651

Charles de Lauson-Charney 1656

Chevalier Louis d'Aillebout de Coulonges 1657

Pierre de Voyer, Viscomte d'Argenson 1658

Pierre du Bois, Baron d'Avangour 1661

Chevalier Augustin de Saffrey-Mesey 1663

Alexandre de Prouville, Marquis de Tracey, Viceroy 1663

Chevalier Daniel de Remy de Courcelles, Governor and Lieut. General, 1665

Louis de Buade, Comte de Palluan et de Frontenac 1672

Antoine Joseph le Febvre de la Barre 1682

Jacques Rene de Brisay, Marquis de Denouville 1689

Louis de Buade, Comte de Pullman et de Frontenac 1689

Chevalier Louis Hector de Callieres 1699

Library of Congress

Phillippe de Rigaud, Marquis de Vaudreuil 1703

Charles le Moyne, Baron de Longueuil 1725

Charles, Marquis de Beauharnois 1726

Rolland Michel Barrin Comte de la Galissonniere 1747

Jacques Pierre de Taffanel, Marquis de la Jonguiere 1749

Charles le Moyne, Baron de Longueuil 1752

Le Marquis Duquesne de Menneville 1752

Pierre Francois, Marquis de Vandreuil-Cavagnal 1755

BRITISH CANADIAN GOVERNORS.

Sir Jeffrey Amherst, Major General and Commander-in-Chief 1760

Sir James Murray, Governor of Quebec 1765

Paulus Emilius Irving, President 1766

Brig. General Guy Carleton, Lieut. Governor and Commander in-Chief 1766

Hector Theophilus Cramahe, Lieut. Gov. and Commander-in-Chief 1770

Major General Guy Carleton, Governor General 1774

Sir Frederick Haldimand, Governor General 1778

Henry Hamilton, Lieut. Governor 1784

Library of Congress

Henry Hope, Lieut. Governor 1785

Guy Carleton, Lord Dorchester, Governor General 1786

Col. John Graves Simcoe, Lieut. Governor of Upper Canada 1792

GOVERNORS OF THE NORTHWEST TERRITORY.

Major General Arthur St. Clair 1787

Winthrop Sargent, Secretary and Acting Governor in 1796.

GOVERNOR OF INDIANA TERRITORY.

William Henry Harrison 1800

GOVERNORS OF MICHIGAN TERRITORY.

General William Hull March 1, 1805

General Lewis Cass October 29, 1813

William Woodbridge, Secretary and Acting Governor at various periods from August, 1818, to July, 1827.

James Witherell, Secretary and Acting Governor January 1, to April 2, 1830.

John T. Mason, Secretary and Acting Governor, September 24 to October 4, 1830, and April 4 to May 27, 1831.

Stevens Thomson Mason, Secretary and Acting Governor, August 1 to September 17, 1831.^a

Library of Congress

a Succeeded General Cuss, appointed Secretary of War.

George B. Porter.b

b Died July 6, 1834.

August 6, 1831

Stevens Thomson Mason, Secretary and Acting Governor, October 30, 1831, to June 11, 1832 May 23 to July 14, August 13 to 28 and September 5 to December 14, 1833; and February 1 to 7, 1834.

Stevens Thomson Mason, *ex officio* as Secretary July 6 1834

Charles Shaler (declined) August 29, 1835

John S. Horner, Secretary and Acting Governor September 8, 1835

GOVERNORS OF THE STATE OF MICHIGAN.

INAUGURATED.

Stevens Thomson Mason†

† Re-elected.

November 3, 1835

Edward Mundy, Lieut. Governor and Acting Governor April 13 to June 12 and Sept. 19 to Dec. 9, 1838.

William Woodbridge,c

c Elected United States Senator and resigned, February 23, 1841.

Library of Congress

January 7, 1840

James Wright Gordon, Lieut. Governor and Act'g Gov'nor, February 24, 1841

John S. Barry† January 3, 1842

Alpheus Felch,d

d Elected United States Senator and resigned, March 3, 1847.

January 5, 1846

William L. Greenly, Lieut. Governor and Act'g Governor March 4, 1847

Epaphroditus Ransom January 3, 1848

John S. Barry January 7, 1850

Robert McClelland† e

e Appointed Secretary of the Interior and resigned, March 7, 1853.

January 1, 1852

Andrew Parsons, Lieut. Governor and Acting Governor March 8, 1853

Kinsley S. Bingham† January 3, 1855

Moses Wisner January 5, 1859

Austin Blair† January 2, 1861

Henry H. Crapo† January 4, 1865

Henry P. Baldwin† January 6, 1869

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John J. Bagley† January 1, 1873

Charles M. Croswell† January 3, 1877

David H. Jerome January 1, 1881

Josiah W. Begole January 1, 1883

Russell A. Alger January 1, 1885

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THE THIRTY-THIRD LEGISLATURE.

1885–86.

SENATORIAL DISTRICTS AND SENATORS.

President—Lieut. Gov. Archibald Buttars, of Charlevoix.

Secretary—Lewis M. Miller, Mt. Clemens.

First—5th, 7th, 9th, 11th and 13th Wards of the City of Detroit and the Town: ships of Greenfield, Hamtramck and Grosse Point, in the County of Wayne— *Michael Greiner*, Connor's Creek.

Second—1st, 2d, 3d, 4th, 6th and 8th Wards of the City of Detroit, in the County of Wayne— *Thomas D. Hawley*, Detroit.

Third—10th and 12th Wards of the City of Detroit, the Townships of Browns town, Canton, Dearborn, Ecorse, Huron, Livonia, Monguagon, Nankin, Plymouth, Redford, Romulus, Springwells, Sumpter, Taylor and Van Buren and the City of Wyandotte, in the County of Wayne— *James Heuston*, Northville,

Library of Congress

Fourth—County of Washtenaw—Reuben Kempf, Ann Arbor.

Fifth—County of Monroe— *Christian Hertzler*, Erie.

Sixth—County of Lenawee—Manson Carpenter, Woodbridge.

Seventh—County of Jackson—# *Michael Shoemaker*, Jackson.

Eighth—County of Calhoun—#Charles Austin, Battle Creek.

Ninth—Counties of Hillsdale and Branch—George A. Smith, Somerset.

Tenth—Counties of Kalamazoo and St. Joseph—Stephen F. Brown, Schoolcraft.

Eleventh—Counties of Berrien and Case— *Harvey C. Sherwood*, Watervliet.

Twelfth—Counties of Van Buren and Allegan—#Charles J. Monroe, South Haven.

Thirteenth—Counties of Barry and Eaton—John Carveth, Middleville.

Fourteenth—Counties of Ingham and Clinton— *Orrin G. Fennell*, De Witt.

Fifteenth—County of Oakland—Samuel W. Smith, Pontiac.

Sixteenth—Counties of Macerob and Lapeer—# *Joshua Manwaring*, Lapeer.

Seventeenth—County of St. Clair— *William M. Clime*, Port Huron.

Eighteenth—Counties of Sanilac and Huron—Carl Heisterman, Bad Axe.

Nineteenth—County of Genesee—Horace C. Spencer, Flint.

Twentieth—Counties of Livingston and Shiawassee— *Henry H. Pulver*, Laingsburg.

Library of Congress

Twenty-First—Counties of Ionia and Montcalm—*James W. Belknap*, Greenville.

Twenty-Second—County of Kent— *John L. Curtiss*, Grand Rapids.

Twenty-Third—Counties of Ottawa and Muskegon—*John W. Moon*, Muskegon.

Twenty-Fourth—Counties of Gratiot, Isabella, Clare and Midland—*Henry Woodruff*, Farwell.

Twenty-Fifth—County of Saginaw— *George Davenport*, East Saginaw.

Twenty-Sixth—Counties of Mason, Lake, Newaygo and Oceana—*Edward E. Edwards*, Fremont.

Twenty-Seventh—Counties of Mecosta, Osceola, Wexford and Manistee—*Fitch Phelps*, Big Rapids.

Twenty-Eighth—Counties of Grand Traverse, Benzie, Leelanaw, Manitou, Antrim, Charlevoix, Kalkaska, Missaukee and Emmet—*William H. Francis*, Frankfort.

Twenty-Ninth—Counties of Cheboygan, Presque Isle, Montmorency, Alpena, Otsego, Crawford, Oscoda, Alcona, Iosco, Gladwin, Rescommon, Ogemaw and Arenac—*Charles R. Henry*, Au Sable.

Thirtieth—Counties of Bay and Tuscola— *Lewis C. Davis*, Vassar.

Thirty-First—Counties of Marquette, Menominee, Delta, Schoolcraft, Chippewa and Mackinac—*Samuel M. Stephenson*, Menominee.

Thirty-Second—Counties of Houghton, Ontonagen, Baraga, Keweenaw and Isle Royale—*Jay A. Hubbell*, Houghton.

Library of Congress

[Republicans in Roman, 18. Fusionists in *Italic* , 14. # Re-elected.]

HOUSE OF REPRESENTATIVES.

Speaker—Newcomb Clark, of Bay County.

Chief Clerk—#Daniel L. Crossman, Williamston.

Allegan—1. James W. McCormick, Fennville; 2. Erastus N. Bates, Moline.

Alpena, Montmorency, Presque Isle—James A. Case, Alpena.

Arenac—Included in Second District of Bay County.

Barry— *Orson Swift*, Maple Grove.

Bay—1. # *Hamilton M. Wright*, Bay City; 2. #Newcomb Clark, West Bay City.

Berrien—1. Albert N. Woodruff, Watervliet 2. *James L. McKie*, Three Oaks.

Branch—1. Milo D. Campbell, Quincy; 2. Amos Gardner, Matteson.

Calhoun—1 #Stephen F. Snyder, Marshall; 2. Alvah D. Eldred, Tekonsha.

Cass—#Robinson J. Dickson, Dowagiac.

Clinton—1. *Emory B. Voorhees*, Ovid; 2. *Luther F. Conrad*, Wacousta

Delta, Chippewa; Mackinac, Schoolcraft—Henry M. Mason, St. Ignace.

Eaton—1. *Auburn D. Carlton*, Dimondale; 2. Benjamin F. Beekman, Vermontville.

Emmet, Charlevoix, Cheboygan— *Charles S. Hampton*, Harbor Springs.

Library of Congress

Genesee—1. Norman A. Beecher, Flushing; 2. Hiram H. Bardwell, Mt. Morris.

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Grand Traverse, Manitou—James L. Gibbs, Mayfield.

Gratiot— *Henry A. Weiss*, Elm Hall.

Hillsdale—1. Adelbert R. Chapman, Reading; 2. Joseph Divine, Cambria.

Houghton—#Seth D. North, Hancock.

Huron— *Lansing E. Lincoln*, Sand Beach.

Ingham—1. # *Frank L. Dodge*, Lansing; 2. Marshall E. Rumsey, Leslie.

Ionia—1. Andrew J. Webber, Ionia; 2. *Edwin R. Williams*, Ionia.

Iosco, Alcona, Crawford, Oscoda, Otsego, Ogemaw—Daniel P. Markey, West Branch.

Isabella, Clare—Free Estee, Mr. Pleasant.

Jackson—1. # *Patrick Hankerd*, Henrietta; 2. *Daniel Boynton*, Leoni.

Kalamazoo—1. *Ezra C. Adams*, Alamo; 2. #Charles Brown, Vicksburg.

Kent—1. *Madison J. Ulrich*, *Melbourne H. Ford*, Grand Rapids; 2. *George P. Stark*, Cascade; 3. #Leonard M. Sellers, Cedar Springs.

Lapeer—1. Mark N. Kelley, Metamora; 2. Joseph Manwaring, Dryden

Leelanaw, Antrim, Benzie—Arthur T. Case, Benzonia.

Library of Congress

Lenawee—1. #George Howell, Macon; 2. *William H. Wiggins*, Adrian; 3. *Wm. B. Town*, Geneva.

Livingston—#George Coleman, Howell.

Macomb—1. # *Daniel G. Gleason*, Richmond; 2. *Hieronymus Engelmann*, Center Line.

Manistee—# *Robert R. Blacker*, Manistee.

Marquette—William M. Kirkpatrick, Palmer

Mason— *Philip P. Shorts*, Ludington.

Mecosta—William T. Jones, Morley.

Menominee—James A. Crozer, Menominee.

Midland, Gladwin, Roscommon—Floyd L. Post, Coleman.

Monroe—1. *Addison E. Dunbar*, Monroe; 2. *Seward Baker*, Newport.

Montcalm—1. Edwin K. Wood, Stanton; 2. Henry Watson, Greenville.

Muskegon—1. *William B. Wilson*, Muskegon; 2. Hiram E. Staples, Whitehall.

Newaygo— *John W. McNabb*, Fremont.

Oakland—1. Robert W. Malcolm, Commerce; *Jos. H. Holman*, Rochester.

Oceana—Theodore G. Houk, Elbridge.

Ontonagon, Baraga, Isle Royale, Keweenaw—Alonzo C. Davis, L'Anse.

Osceola—Ellery C. Cannon, Evart.

Library of Congress

Ottawa—1. Gerrit J. Diekema, Holland; 2. *George F. Richardson*, Jamestown.

Saginaw—1. *Milo H. Darkin*, Saginaw; 2. *Thomas B. Barry*, East Saginaw; 3. John Northwood, Layton Corners; 4. John A. McGregor, Freeland.

Sanilac—1. John Makelim, Valley Centre; 2. Richard D. O'Keefe, Minden.

Shiawassee—1. *Charles H. Cossit*, Owosso; 2. # *Fordyce H. Potter*, North Newburg.

St. Clair—1. *Horace N. Hammond*, St. Clair; 2. *Charles Wellman*, Port Huron; 3. *William Powers*, Emmet.

St. Joseph—1. # *John W. Bentley*, Mendon; 2. *James Johnson*, Sturgis.

Tuscola—1. #Eleazer B. Hayes, Watrousville; 2 # *Cyrenius P. Black*, Caro.

Van Buren—1. Jonathan G. Parkhurst, Decatur; 2. John S. Cross, Bangor.

Washtenaw—1. *Nathan E. Sutton*, Ann Arbor; 2. *Egbert P. Harper*, Saline.

Wayne—1. # *Ovid N. Case*, # *Lyman A. Brant*, *Lucius H. Collins*, *George W. Walthew*, *Jeremiah D. Long*, Francis B. Egan, Hugh McClelend, Detroit; 2. George W. Coomer, Wyandotte; 3. Calvin K. Brandon, Hamtramck; 4. *Joseph Waltz*, Waltz.

Wexford, Kalkaska, Lake, Missaukee—George Oviatt, Chase.

[Republicans in Roman, 52. Democrats and Fusionists in *Italic* , 48. # Reelected.]

The Legislature is composed of thirty-two Senators and one hundred Representatives and holds its sessions biennially, commencing on the first Wednesday in January of the odd numbered years. Members receive compensation of three dollars per diem during the session. The present Legislature will reapportion the senatorial and representative districts

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in accordance with the census of 1884. The total population being 1,856,217, gives a ratio of 58,000 for the thirty-two Senators and 18,562 for the one hundred Representatives.

THE JUDICIARY.

THE SUPREME COURT.

Chief Justice—Thomas M. Cooley, Ann Arbor Dec. 31, 1885, \$4,000 Associate Justice—James V. Campbell, Detroit Dec. 31, 1887, 1,000 Thomas R. Sherwood, Kalamazoo Dec. 31, 1889, 4,000 John W. Champlin, Grand Rapids Dec. 31, 1891, 4,000 Clerk—Charles C. Hopkins, Detroit Fees. Reporter—Henry A. Chaney, Detroit \$1,500

The Court holds four terms annually in Lansing, commencing on the Tuesday after the first Monday in January, April, June and October.

16

CIRCUIT COURTS.

Dist. JUDGES. RESIDENCE. COUNTIES. TERMS OF COURT. 1 Andrew Howell Adrian Hillsdale 1st Tuesday March, 2d Tuesday May, October and December. 2 Lenawee 3d Tuesday January, 1st Tuesday April and September, 2d Tuesday Nov. 3 Andrew J. Smith Cassopolis Berrien 3d Monday January, 2d Monday April, 1st Monday June, 3d Monday Oct. Cass 1st Monday March, 3d Monday May, 4th Monday May, 1st Monday Dec. Fitz Chambers 3 Wm. Jennison Detroit Wayne 1st Monday January, March, May and November. John J. Speed 4 G. Thompson Gridley Jackson Ingham 1st Monday March, 2d Monday May, 3d Monday October and December. Jackson 4th Monday January, 2d Monday April and September, 3d Monday Nov. 5 Frank A. Hooker Charlotte Barry 3d Monday February, 2d Monday May, 3d Monday August, 2d Monday Nov. Calhoun 2d Monday March, 1st Monday June, 2d Monday Sept., 1st Monday Dec. Eaton 3d Monday January, April, July and October 6 Wm. W. Stickney Lapeer Lapeer 2d Monday January, March, July and November. Oakland 4th Monday January, April and September, 1st Monday December. 7 William Newton Flint Genesee 4th Monday February and May, 3d Monday August and November. Livingston 2d Tuesday January, 3d Tuesday April and June, 2d Tuesday October. Shiawassee 1st Tuesday February and May, 2d Tuesday September and December. 8 Vernon H. Smith Ionia Clinton 1st Monday January and April, 3d Monday June, 1st Monday October. Ionia 1st Monday February, May, September and November. Montcalm 1st Monday March and June, 2d Monday September, 1st

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Monday Dec. 9 Alfred J. Mills Paw Paw Kalamazoo 2d Monday February, 3d Monday May, 4th Monday Sept., 1st Monday Dec. Van Buren 2d Monday January and April, 1st Monday September and November. 10 Chauncy H. Gage Saginaw 2d Tuesday February and May, 3d Tuesday September, 1st Tuesday Dec. 11 Joseph H. Steere Sault Ste. Marie Chippewa 1st Tuesday February, 2d Tuesday May, 4th Tuesday September. Mackinac 4th Tuesday February, 2d Tuesday June and October. Manitou 4th Tuesday June and October. Schoolcraft 3d Tuesday January, 2d Tuesday July. 12 Wm. D. Williams Marquette Baraga 1st Monday January, 2d Monday June and October. Houghton 4th Monday January, 3d Monday May, August and November. Isle Royale 2d Monday February and August. Keweenaw 3d Monday January, 1st Monday June and October. Ontonagon 2d Monday January, 3d Monday June and October. 13 Jonathan G. Ramsdell Traverse City Antrim 2d Tuesday March, 1st Tuesday May, 2d Tuesday November. Charlevoix 4th Tuesday February and May, 3d Tuesday November. Cheboygan 4th Tuesday January, 2d Tuesday April and October. Emmet 1st Tuesday February and June, 4th Tuesday October. Grand Traverse 2d Tuesday January, 1st Tuesday April and October. Leelenaw 2d Tuesday May, 4th Tuesday November. 14 Frederick J. Russell Hart Muskegon 3d Monday January and May, 1st Monday October and December. Oceana 3d Monday February, 1st Monday May, 3d Monday August and December. 17 15 Russell R. Pealer Three Rivers Branch 1st Monday March, 3d Monday June, 4th Monday Sept., 1st Monday Dec. St. Joseph 3d Monday January, 2d Monday April, 3d Monday July, 4th Monday Oct. 16 Herman W. Stevens Port Huron Macomb 3d Monday January, April, August and October. St. Clair 3d Monday February, May, September and November. 17 Robert M. Montgomery Grand Rapids Kent 1st Monday March and May, 4th Monday September, 1st Monday December. 18 Sanford M. Green Bay City Arenac 3d Tuesday February, 2d Tuesday November. Bay 1st Tuesday March, June, September and December. 19 J. Byron Judkins Hersey Ogemaw 2d Tuesday February, 1st Tuesday April and November. Lake 1st Monday January and November. Manistee 3d Monday February, 1st Monday May, 4th Monday July, 2d Monday Nov. Mason 3d Monday January, 1st Monday May, 3d Monday August, 4th Monday Oct. Osceola 1st Monday February, 3d Monday April, 2d Monday July, 4th Monday Nov. 20 Dan J. Arnold Allegan Allegan 4th Monday February, 1st Monday June, 2d Monday Oct., 1st Monday Dec. Ottawa 2d Monday January, 4th Monday March, 1st Monday August and November. 21 Henry Hart Midland City Clare 2d Monday February, 1st Monday May and November. Gladwin 4th Monday January and June, 3d Monday September. Gratiot 2d Tuesday March, 1st Tuesday June, 2d Tuesday October, 1st Tuesday Dec. Isabella 4th Monday February, 3d Monday May, 1st Monday Sept., 3d Monday Nov. Midland 2d Monday

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January, 3d Monday April, 4th Monday September. 22 Chauncy Joslin Ypsilanti Monroe 1st Monday February and April, 2d Monday September, 1st Monday Nov. Washtenaw 1st Tuesday March, May, October, December. 23 Jonathan B. Tuttle East Tawas Alcona 3rd Tuesday February, last Tuesday June and September. Crawford 4th Tuesday February, 3rd Tuesday June, 4th Tuesday September. Iosco 1st Tuesday February, 2d Tuesday May and October. Oscoda Thursday after 4th Tuesday February, Friday after 2d Tuesday June. 24 Levi L. Wixson Lexington Huron 1st Tuesday January, March and June, 4th Tuesday September. Sanilac 3rd Tuesday January and April, 4th Tuesday June and October. Tuscola 1st Tuesday February, May, September and December. 25 Claudius B. Grant Houghton Delta 4th Monday February and June, 2nd Monday October. Marquette 1st Monday March and June, 3rd Monday September and December. Menominee 2d Monday February, 1st Monday May, September and December. 26 Frank Emerick Alpena Alpena 2d Tuesday February, 1st Tuesday May, 2d Tuesday August, 3d Tuesday Oct. Montmorency 1st Tuesday February and June. Otsego 1st Tuesday March, 4th Tuesday May, 1st Tuesday October. Presque Isle 3d Tuesday January and May, 2d Tuesday October. 27 Ceylen C. Fuller Big Rapids Mecosta 1st Tuesday February, May, September and December. Newaygo 1st Tuesday January, March, June and October. 28 Silas S. Fallas Cadillac Benzie 1st Tuesday January, 3d Tuesday August. Kalkaska 1st Tuesday February, 3d Tuesday May, 1st Tuesday September. Missaukee 2d Tuesday February, 3d Tuesday May, 1st Tuesday September. Roscommon 2d Tuesday January, 1st Tuesday May, 4th Tuesday August. Wexford 3d Tuesday January, 2d Monday May, 2d Tuesday September.

Salary of Circuit Judges, \$2,500. Terms of office expire December 31, 1887. Next election, spring of 1887.

18

COUNTY

COUNTIES. Probate Judge. Sheriff, County Clerk Alcona Allan Nevin Charles Sterrett George Rutson Allegan David Stockdale Walter J. Rice Nahum Gilbert Alpena George S. Lester James. E. Denton M. O. Brion Antrim J. J. McLaughlin Henry W. Stewart. John A. Harriman Arenac John Bullock G. N. Shillinger F. C. Carscallion Baraga E. L. Mason Alex. G. Shields John O'Connor Barry W. W. Cole O. F. Long George Abbey Bay Thos. E. Webster Martin Brennan Wm. Gaffney Benzie D. B. Butler Wm. B. Albro Lot Nevius Berrien David E. Hinman. Wallace Peck Thomas O'Hara Branch N. A. Reynolds O. C. Campbell James R. Dickey Calhoun George Ingersoll John C. Barber L. H. Brockway

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Cass Wm. P. Bennett F. M. Saunders Saml. W. Bruce Charlevoix James A. Keat Harrison Berdan Sam'l B. Thatcher Cheboygan E. Z. Perkins Luke Cross Charles Hunt Chippewa John A. Colwell Castle L. Newell George W. Brown Clare E. D. Wheaton Geo. W. Graham Wm. E. Aldrich Clinton Joel H. Cranson William Collins Charles Palmer Crawford W. Batterson John F. Hum Orville S. Bell Delta Emit Glaser David A. Oliver Charles H. Scott Eaton C. M. Jennings J. P. Perkins George A. Perry Emmet J. L. Newbury Charles R. Pratt A. L. Hathaway Genesee Henry R. Lovell Arthur McCall James L. Spenser Gladwin Isaac Hanna John McCormick Dewitt H. Servoss Grand Traverse H. D. Campbell John Dunn O. P. Carver Gratiot James Paddock Kosciusko P. Peet John T. Swigart Hillsdale Michael McIntyre. Myron G. Wood Sol. W. Yeagley Houghton Thomas M. Brady. Will. J. Ryan Thos. D. Meads Huron W. H. Merrick R. Winterbottom John Ryan Ingham Quincy A. Smith Thos. McKernan John W. Whallen Ionia Myron Balcom Hiram N. Lee Alonzo A. Sunderlin Iosco Robert White J. W. Sanktree Edward E. Williams Isabella Cornelius Bennett Wm. Pickard Eugene S. Bowen Isle Royale No resident population and no officers. Jackson Lewis M. Powell Francis G. Fifield. Charles E. Snow Kalamazoo Allan M. Stearns John Galligan Theron F. Giddings. Kalkaska J. Greacen M. Morrell James M. Flagg Kent Lyman D. Follett. Lyman T. Kinney Orland H. Godwin Keweenaw Wm. P. Raley Christopher Carey, Wm. H. Bennetts Lake Ed. Campbell J. J. Robertson Alonzo U. Smith Lapeer Chas. W. Brown G. W. Carpenter Henry A. Birdsall Leelanaw C. W. Williams J. A. Bryant Wm. H. Beeman Lenawee Norman Geddes A. K. Whitmore David A. Bixby Livingston Arthur Cole L. V. D. Cook John Ryan Mackinac P. N. Packard P. A. Paquin John Biddle Macomb Geo. M. Crocker Lewis Groesbeck W. W. Lyons Manistee Adolphus Magnan Max Baumann John P. Baxter Manitou James Dunleavey John Connelly John Dunleavey Marquette Henry H. Meldon A. A. Anderson Gad. N. Smith Mason B. J. Goodsell John Bethune Lucius E. Hawley Mecosta Edgar Pierce Eli Fredericks Lewis Tone Menominee Wm. Somerville A. H. Stevens Michael H. Kern Midland James Murphy John Haley Wm. Davidson Missaukee A. McBain G. McBain A. C. Lewis Monroe Geo. M. Loudon Job C. Eaton Pat. H. Matthews Montcalm John Lewis J. G. Summers Frank A. Lamb Montmorency W. H. Farrier John Murphy John C. Adams Muskegon Orrin Whitney Tim. Bresnahan John Tait Nawaygo H. D. Woodard D. P. Kimball Seth S. Watrous Oakland Thos. L. Patterson Chris. S. Voorhees Charles M. Fay Oceana Daniel Landon J.D.S. Hanson E. D. Richmond Ogemaw J. C. McGowan Alex. Turner T. W. Ballantine Ontonagon Theodore Dreiss John Roosin M. A. Powers Osceola J. E. Bevins A. M. Shank O. L. Millard Oscoda John W. Hollowell H. E. Rockafellow S. H. Hagerman Otsego T. C. Woodin A. M. Hilton Albert A. Crane Ottawa Charles E. Soule Arie Woltman George D. Turner Presque Isle James Erskine Philip Thomas Otto Goerick Roscommon

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Henry L. Parker Thos. I. Mackin Frank Converse Saginaw Lawson C. Holden, Angus McIntyre Fred. A. King Sanilac M. N. Mugan W. E. Stevenson Andrew O'Keefe Schoolcraft Jerome Bowen John McCanna John Costello Shiawassee A. A. Harper Wm. H. Cole Frank E. Welch St. Clair Joseph E. Avery F. L. Follansbee Charles S. Warn St. Joseph D. M. Bateman Carlos E. Dexter Charles A. Sturges Tuscola Frank H. Thomas. William McKay. Ed. R. Cookingham Van Buren Orrin N. Hilton John G. Todd George W. Myers Washtenaw W. D. Harriman William Walsh John J. Robinson Wayne Edgar O. Durfee G. H. Stellwagen John J. Enright Wexford H. M. Dunham C. C. Dunham George A. Cummer 19

OFFICERS.

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NATIONAL BANKS And their condition at the close

PLACE. NAME OF BANK. PRESIDENT. CASHIER. Albion National Exchange (a) Samuel V. Irvin H. M. Dearing Allegan First National Bank Benj. D. Pritchard Leon Chichester Alpena Alpena National Bank Geo. L. Maltz John C. Comfort Ann Arbor First National Bank Philip Bach S. W. Clarkson Battle Creek First National Bank (b) Victory P. Collier Scott Field Bay City Second National Bank Wm. Westover Orrin Bump Bay National Bank Byron E. Warren Fred P. Brown Big Rapids Big Rapids Nat'l Bank Daniel F. Comstock

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C. W. Comstock. Northern National Bank Geo. F. Stearns La For a S. Baker Cassopolis
First National Bank J. K. Ritter C. H. Kingsbury. Centreville First National Bank Leverett A.
Clapp Loyd B. Hess Charlotte First National Bank Ellzey Hayden Edw. S. Lacy Merchants'
Nat'l Bank P. S. Spaulding Geo. M. Ely Cheboygan First National Bank John W. McGinn
Geo. F. Raynolds Coldwater Coldwater Nat'l Bank (c) Henry C. Lewis George Starr
Southern Michigan Nat'l Caleb D. Randall Lester E. Rose Constantine. First National Bank
G. I. Crossett W. W. Harvey Farmer's National Bank (c) Chas. W. Cond C. H. Barry, Jr
Corunna First National Bank (d) Wm. McKellops Albert T. Nichols Decatur First National
Bank Alex. B. Copley L. Dana Hill Detroit First National Bank Emory Wendell Lorenzo E.
Clark American Nat'l Bank (e) Alex. H. Dey Geo. B. Sartwell. Commercial Nat'l Bank Hugh
McMillan M. L. Williams Detroit National Bank H. P. Baldwin C. M. Davison Merchants'
& M'f'rs Nat'l Theo. H. Hinchman Fred Marvin East Saginaw First National Bank Erastus
T. Judd Clarence L. Judd Second National Bank Geo. W. Morley Geo. B. Morley East
Saginaw Nat'l Bank John G. Owen S. S. Wilhelm Home National Bank Wellington R.
Burt James H. Booth. Eaton Rapids First National Bank Andrew J. Bowne F. H. DeGolia
Flint First National Bank. (f) David S. Fox Chas. S. Brown Citizens' National Bank R. J.
Whaley H. C. VanDeusen Flushing First National Bank Oscar F. Clarke George Packard.
Grand Haven First National Bank Dwight Cutler George Stickney Grand Rapids Fourth
National Bank Andrew J. Bowne H. P. Baker City National Bank (g) Thos. D. Gilbert J.
Fred Baars Grand Rapids National Edwin F. Uhl Wm. Widdicomb Old National Bank
Martin L. Sweet H. J. Hollister Greenville First National Bank Manning Rutan Henry Hill
City National Bank Wm. D. Johnson LeRoy Moore Hancock First National Bank Seth
D. North Edgar D. Towar. Hastings Hastings National Bank Andrew J. Bowne W. D.
Hayes, Ass't Hillsdale First National Bank Frank M. Stewart Chas. F. Stewart Second
National Bank (h) Charles W. Waldron Corvis M. Barre. Holly First National Bank Jas. C.
Simonson E. M. Newell Houghton First National Bank (i) Z. W. Wright J. B. Sturgis Ionia
First National Bank Alonzo Sessions F. A. Sessions Second National Bank G. W. Webber
H. B. Webber Ishpeming Ishpeming Nat'l Bank C. H. Hall A. B. Miner Ithaca First National
Bank R. M. Steel J. W. Lewis Jackson People's Nat'l Bank (j) John M. Root Willard C.
Lewis Kalamazoo First National Bank E. O. Humphrey F. A. Smith City National Bank
Charles S. Dayton Charles A. Peck Kalamazoo Nat'l Bank Edwin J. Phelps Geo. T. Bruen
Michigan Nat'l Bank. (k) John W. Taylor Albert Henry Lansing Lansing National Bank,
Orlando M. Barnes M. L. Coleman Lapeer First National Bank Henry K. White Chester
G. White Leslie First National Bank M. E. Rumsey W. W. Peirson Lowell Lowell National
Bank (l) Charles T. Wooding. E. A. Sunderlin. Ludington First National Bank Geo. W. Roby
Geo. N. Stray Manistee First National Bank Thos. J. Ramsdell Geo A. Dunham Manistee

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National Bank Richard G. Peters Geo. M. Burr Marquette First National Bank Peter White
M. L. Martin, Jr. Marshall First National Bank. (m) Charles T. Gorham Geo. S. Wright
National City Bank George W. Bentley John R. Bentley. Mason First National Bank H.
P. Henderson, V. P H. L. Henderson Milford First National Bank Ambrose C. Orvis S. H.
Wilhelm Monroe First National Bank (n) Frederick Walldorf George Spalding h. t. Pleasant
First National Bank Robert M. Steel D. S. Partridge Muskegon Lumberman's Nat'l Bank C.
Davis C. C. Billinghamurst Merchants' Nat'l Bank John Torrent W. B. McLaughlin Muskegon
National Bank C. H. Hackley Frank Wood Niles First National Bank Thomas L. Stevens
Chas. A. Johnson Citizens' National Bank Joseph C. Larimore Francis M. Gray Owosso
First National Bank (o) T. D. Dewey C. E. Hershey 21

OF MICHIGAN of business, September 30, 1884.

No. Capital paid in. Circulation outstanding. Deposits. Loans and Discounts. Loans and
Discounts. Stocks, Bonds and Mortgages. Due from Banks, etc., and Reserve Agents
Cash Items. 1544 \$100,000 \$30,000 \$107,372 \$219,707 \$40,600 \$15,792 \$21,374
1829 50,000 11,250 77,987 94,173 14,395 37,187 9,098 2847 100,000 45,000 242,774
301,567 52,406 28,840 32,723 2714 100,000 30,600 158,473 210,858 37,350 36,121
33,542 1205 100,000 90,000 116,451 187,177 112,500 30,148 31,002 2145 200,000
153,500 153,500 725,159 175,000 96,217 76,033 2853 200,000 45,000 417,765 519,621
50,000 96,670 76,486 2944 100,000 22,500 53,588 132,280 25,000 19,941 23,760 1832
150,000 35,100 287,988 422,730 39,300 58,373 42,771 1812 50,000 44,000 66,482
91,716 50,000 15,335 17,483 2095 50,000 45,000 18,420 64,632 52,500 7,673 7,275
1758 50,000 45,000 94,181 126,309 50,300 25,948 19,316 3034 50,000 11,250 38,045
48,306 17,600 27,196 10,294 3235 25,000 11,700 68,681 34,031 13,000 46,969 12,343
1235 100,000 22,500 121,194 223,534 27,800 26,424 22,563 1924 165,000 45,000
129,479 292,182 51,705 30,742 23,543 813 50,000 11,250 68,131 84,726 14,500 24,737
23,109 2211 50,000 44,300 30,147 74,745 69,334 12,202 6,187 1256 50,000 45,000
115,411 146,448 53,900 14,140 22,857 1722 50,000 45,000 35,003 78,865 51,000 11,978
12,274 2707 500,000 43,900 1,380,313 1,956,358 50,000 442,868 429,069 1542 400,000
288,500 1,403,932 1,517,758 416,400 575,811 262,557 2591 250,000 70,000 1,639,553
1,520,770 115,000 453,881 258,615 2870 1,000,000 45,000 1,964,387 1,847,983 550,000
419,892 389,349 2365 500,000 315,000 981,920 1,427,864 350,675 512,829 250,321 637
100,000 67,500 188,374 250,264 75,000 37,645 56,669 1918 150,000 33,750 212,259
341,995 37,500 33,839 38,986 3123 100,000 22,500 74,045 149,358 25,000 15,027
12,987 2761 300,000 45,000 804,293 774,612 50,000 380,624 77,283 2367 50,000
45,000 51,900 96,713 50,000 9,414 10,354 1588 200,000 45,000 207,601 326,316

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116,042 50,612 39,446 1780 125,000 112,500 118,271 222,405 125,000 36,936 20,553
2708 50,000 36,000 15,065 45,867 43,200 10,381 4,769 1849 200,000 90,000 226,670
328,425 100,000 167,727 39,369 2611 300,000 90,000 536,869 836,261 102,100 86,277
61,735 812 300,000 45,000 794,852 923,688 151,200 171,149 187,028 2460 500,000
45,000 862,587 1,179,824 50,000 194,062 121,219 2890 800,000 45,000 1,322,962
1,703,616 54,585 292,986 229,955 2054 50,000 11,250 103,990 126,473 13,350 25,782
27,778 3243 25,000 33,103 27,776 12,500 11,111 7,175 2143 100,000 89,980 324,204
281,593 150,900 75,267 76,280 1745 100,000 63,000 90,347 198,681 70,000 35,273
12,719 168 50,000 27,000 167,089 185,569 35,176 21,283 39,660 1470 50,000 11,250
113,208 121,054 29,115 32,969 27,559 1752 60,000 54,000 74,635 110,668 60,000
19,140 13,892 1247 100,000 45,000 265,578 336,420 50,000 44,717 50,785 275 100,000
89,840 94,645 200,380 109,353 13,703 21,268 2008 50,000 45,000 59,233 88,775
61,000 20,195 20,940 3095 50,000 11,240 132,522 93,375 37,600 41,698 24,467 3217
35,000 45,229 29,680 12,500 24,904 14,102 1533 100,000 22,500 233,190 211,224
98,200 31,898 44,211 191 100,000 72,000 197,115 257,045 114,877 67,443 68,743 3210
125,000 28,800 185,194 227,324 33,000 49,117 34,967 3211 100,000 25,500 77,899
133,164 25,500 18,082 27,330 1359 100,000 67,500 284,420 345,469 78,850 82,420
67,753 1953 185,000 49,500 166,228 313,156 56,439 44,181 35,291 1731 75,000 21,955
68,118 183,108 33,722 35,546 16,268 2162 50,000 11,250 24,051 62,067 12,500 12,687
7,041 1280 50,000 45,000 69,380 104,462 51,999 26,344 10,838 2773 50,000 45,000
208,659 95,843 50,100 151,803 24,516 2539 100,000 22,500 295,179 281,674 71,283
73,652 46,461 2606 100,000 22,500 117,912 193,509 25,000 20,683 24,364 390 100,000
31,500 237,246 250,292 36,000 107,093 43,474 1515 100,000 45,000 170,934 209,863
95,212 31,871 44,374 2023 100,000 45,000 80,291 177,840 56,027 15,774 9,863 1764
50,000 13,500 35,348 78,728 15,000 13,226 3,767 2379 50,000 45,000 44,258 88,507
50,000 6,594 10,493 1587 50,000 45,000 84,410 105,145 54,350 20,866 12,679 3215
40,000 36,123 42,906 12,500 17,262 4,695 2081 100,000 22,440 390,397 352,107 26,500
166,423 43,004 3088 100,000 22,500 146,417 230,519 25,000 17,171 21,177 1730
200,000 45,000 436,114 495,985 64,300 130,983 81,617 1761 100,000 22,500 120,724
196,795 40,600 28,568 14,661 1886 50,000 11,250 66,204 94,079 14,550 21,402 12,166
1573 60,000 54,000 112,935 143,826 60,000 34,473 11,763 22

NATIONAL BANKS OF

PLACE. NAME OF BANK. PRESIDENT. CASHIER. Paw Paw First National Bank.(p)
E. Smith F. E. Stevens Plymouth First National Bank Geo. A. Starkweather Oscar A.
Fraser Plymouth National Bank T. C. Sherwood L.D. Shearer Pontiac First National Bank

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Charles Dawson John D. Norton Second National Bank (q) W. M. McConnell Alba A. Lull Port Huron First National Bank Henry Howard H. G. Barnum Quincy First National Bank C. H. Winchester C. L. Truesdell Romeo First National Bank John H. Brabb Henry O. Smith Citizens' National Bank Edwin W. Giddings Sam'l A. Reade Saginaw First National Bank Ammi W. Wright Smith Palmer Citizens' National Bank Daniel Hardin Daniel W. Briggs South Haven First National Bank C. J. Monroe L. S. Monroe Stanton First National Bank H. H. Hinds A. D. F. Gardner St. Clair First National Bank Dividorus Sheldon John C. Clarke St. Johns First National Bank (f) John Hicks Galusha Pennell Sturgis First National Bank (r) Nelson L. Packard John J. Beck Three Rivers First National Bank C. L. Blood J.P. McKey Union Three Rivers Nat'l Bank Joseph B. Millard Luther T. Wilcox Union City Farmers' National Bank Thomas B. Buell H. T. Carpenter Union City Nat'l Bank E. Bostwick J. W. McCansey Vassar First National Bank Townsend North Frank North Whitehall First National Bank Isaac M. Weston C. A. Hammond Ypsilanti First National Bank D. L. Quirk W. L. Pack Total, 98 Banks

Note .—The corporate existence of the banks marked expires in 1885, as *g* , January 21; *h* , June 20; *i* , April 18; *j* , June 28; *k* , June 13; *l* , June 2; *m* , June

Note .—Overdrafts are included in Loans and Discounts. Stocks, Bonds and deposits. "Due from Banks, etc.," embraces the items of Dues from other ture and Fixtures, and Current Expenses, Taxes and Premiums paid. Cash due from the United States Treasurer.

STATE BANKS And their condition at

PLACE. NAME OF BANK. PRESIDENT. CASHIER. Adrian Lenawee Co. Savings Bk. C. M. Croswell H. V. C. Hart Ann Arbor Ann Arbor Savings Bank Christian Mack C. E. Hiscock Farmers & Mechanics Bk Reuben Kempf W. A. Tolchard Bangor W. Mich. Savings Bank. C. J. Monroe A.B. Chase Battle Creek City Bank Nelson Eldred Chas. T. Allen Bay City Bay City Bank William Peter Geo. H. Young Bay County Savings Bk. Alexander Folsom J. Mulholland Brooklyn Farmers Bank N. G. King W. A. Stacey Calumet Merchants & Miners Bk. Charles Briggs Henry S. Colton Charlevoix Charlevoix Savings Bk Henry Bennett G. S. Thomas Chelsea Chelsea Savings Bank Samuel G. Ives Geo. P. Glazier Detroit Detroit Savings Bank Sidney D. Miller E.C. Bowman Dime Savings Bank S. M. Cutcheon F. Woolfenden German-American Bank Edward Kanter Henry L. Kanter Market Bank August Rasch, V. P. J. B. Padberg Mechanics Bank William A. Butler F. H. Butler Michigan Savings Bank George Peck S. R. Mumford.tr People's Savings Bank

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Francis Palms M: W. O'Brien State Savings Bank David Hamilton R. S. Mason Wayne Co. Savings Bank Wm. B. Wesson S. D. Elwood E. Saginaw S. Bank of E. Saginaw Henry C. Potter A. Schupp Eaton Rapids Michigan State Bank Horace H. Cobb Chas. S. Cobb Fenton State Bank J. Buckbee Flint Genesee County S. Bank Russell Bishop Ira H. Wilder Gd. Rapids Gd. Rapids Savings Bk Isaac Phelps D. B. Shedd Grass Lake Farmers Bank John W. Knight W. Burchard Hillsdale Hillsdale Savings Bank C. F. Cook Jackson Jackson City Bank Wm. D. Thompson B. Newkirk Union Bank W. H. Withington E. M. Aldrich Kalamazoo Kalamazoo Savings Bk T. P. Sheldon J. R. Monroe Lansing Cent. Mich. Savings Bk. George H. Jerome Nelson Bradley Manchester People's Bank L. D. Watkins B. S. Watkins Midland City State Bank M. P. Anderson Wm. D. Marsh Mt. Clemens Mt. Clemens Saving Bk. Oliver Chapaton Geo. A. Skinner Oxford Oxford Savings Bank John D. Hagerman G. S. Holbert Port Huron Commercial Bank C. A. Ward John W. Porter Port Huron Savings Bk Henry McMorran C. F. Harrington St. Joseph Union Banking Co. Bank Francis Jordan O. O. Jordan W. Bay City Lumberman's State Bk. S. O. Fisher H. H. Norrington Wyandotte Wyandotte Savings Bk John S. Van Alstyne W. Van Miller 23 No. Capital paid in. Circulation outstanding. Deposits. Loans and Discounts. Stocks, Bonds and Mortgages. Due from Banks, etc. Cash Items. 1521 \$100,000 \$22,500 \$59,581 \$139,215 \$30,000 \$17,156 \$14,406 1916 50,000 45,000 58,541 96,186 52,350 18,603 6,984 3109 50,000 22,500 49,637 82,509 25,000 13,335 6,219 2607 100,000 22,500 230,370 289,022 30,000 29,513 28,404 1574 100,000 22,500 97,013 172,259 25,000 18,174 36,978 1857 135,000 121,500 190,263 265,619 146,696 42,885 34,744 354 2550 50,000 45,000 24,902 53,377 50,000 14,454 7,182 354 100,000 70,200 65,086 142,736 78,000 30,745 17,052 2186 100,000 43,900 52,258 117,397 50,000 26,631 17,713 1768 200,000 44,200 314,282 481,129 50,000 54,613 69,976 2492 100,000 44,200 423,136 437,323 50,300 68,971 40,120 1823 50,000 27,000 62,514 89,628 30,100 33,695 12,420 2914 50,000 18,000 39,228 69,868 20,000 17,245 10,019 1789 50,000 45,000 60,499 101,704 50,000 8,322 14,017 1539 50,000 27,000 119,567 110,380 33,192 51,209 26,169 825 50,000 45,000 105,561 94,358 61,575 37,068 24,620 600 100,000 45,000 92,716 135,812 73,050 25,141 30,356 3133 64,000 27,000 55,751 100,266 30,400 8,901 11,025 2372 50,000 45,000 50,926 77,130 50,000 19,248 14,501 1826 50,000 11,250 56,307 93,732 13,700 10,708 11,508 2987 50,000 11,240 31,795 62,075 12,500 12,757 12,082 2429 50,000 11,250 150,604 163,825 13,460 34,666 28,274 155 75,000 58,300 183,390 136,225 93,180 58,275 50,491 \$12,644,600 \$4,473,895 \$23,555,773 \$29,716,094 \$6,371,397 \$6,890,810 \$4,592,627

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follows: *a* , June 26; *b* , March 28; *c* , May 30; *d* , March 1; *e* , July 24; *f* , August 14;27; *n* , August 29; *o* , September 27; *p* , May 29; *q* , September 1; *r* , January 30.

and Mortgages include United States Bonds deposited to secure circulation Banks and Bankers and from Approved Reserve Agents, Real Estate, Furni-items include all cash on hand, Cheeks, Certificates of Deposit and amounts

Capital. Deposits. Undivided Profits, etc. Loans and Discounts. Stocks, Bonds and Mortgages. Due from Banks, etc. Cash Items. \$60,000 \$313,241 \$42,470 \$2,444 \$386,917 \$29,674 \$21,446 50,000 366,903 48,405 235,476 168,081 20,912 37,607 50,000 125,562 3,107 133,312 5,390 15,961 20,507 25,000 29,218 3,518 46,611 4,843 5,500 50,000 291,604 50,351 326,700 36,919 24,724 100,000 492,045 37,484 532,266 80,623 38,021 40,840 73,016 2,654 75,574 10,000 26,693 (See Dues) 50,000 10,861 46,220 (See Cash) 9,140 50,000 377,359 23,361 196,438 25,000 142,084 81,072 15,000 12,321 1,140 22,945 1,136 4,206 50,000 89,451 5,841 120,132 15,815 6,307 200,000 2,441,911 99,487 1,696,982 422,000 386,408 163,863 40,400 96,903 1,798 101,724 23,318 8,861 100,000 800,776 4,969 347,490 68,284 215,053 268,731 100,000 58,599 3,382 117,954 2,419 34,821 100,000 761,523 18,942 711,961 36,429 99,362 29,043 150,000 736,335 21,637 226,211 521,205 103,525 49,598 500,000 3,275,347 51,150 2,981,489 166,928 561,777 82,609 150,000 297,049 8,078 368,401 77,576 6,649 150,000 3,243,503 *a* 203,852 2,796,957 See Loans. 676,736 (See Dues) 50,000 447,795 20,756 342,218 40,285 131,282 (See Dues) 50,000 29,009 50,055 15,578 3,132 10,625 50,000 52,252 48,674 28,501 23,280 100,000 215,410 6,389 130,646 163,922 18,140 9,952 50,000 248,495 31,561 197,496 70,630 28,999 13,984 50,000 63,632 1,728 95,150 10,776 5,934 60,000 24,206 518 62,403 9,428 10,552 100,000 415,340 196,847 573,460 41,491 69,235 100,000 165,820 5,570 109,496 70,915 37,086 21,407 30,000 110,048 1,552 91,876 21,478 24,208 62,000 269,713 10,127 249,358 22,465 42,885 16,177 50,000 65,336 4,439 95,376 3,072 7,383 48,000 32,488 2,650 61,252 10,650 7,933 50,000 150,250 20,238 181,549 10,172 15,715 25,000 21,487 1,252 38,946 5,855 3,623 50,000 139,737 8,398 150,527 28,605 15,622 100,000 274,536 27,848 362,827 51,534 3,190 50,000 89,208 74,866 21,261 24,397 16,761 40,000 163,977 16,964 182,176 23,267 20,981 50,000 111,706 3,714 156,123 3,084 4,072 24

THE RAILROADS OF MICHIGAN, 1883.

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RAILROADS. MILES OWNED. Total. In Michigan. MILES OPERATED. Total. In Michigan.
Stock paid in per mile. Cost of Road and Equipm't in Mich. Stock and Debt per mile.
MICHIGAN'S PROPORTION OF Earnings. Expenses. Bay View, Little Traverse &
Mackinac 5.68 5.68 \$ 8,222 \$ 71,700 \$ 14,015 \$ 6,338 \$ 9,435 Chicago & Canada
Southern 67.60 62.94 67.60 62.94 39,459 4,819,712 105,105 47,635 64,434 Chicago,
Detroit & Canada Grand Trunk Junction 59.37 59.37 59.37 59.37 18,444 2,765,126
48,528 313,731 284,088 Chicago & Grand Trunk 330.50 224.00 339.26 224.00 20,000
12,016,238 57,803 1,965,306 1,454,709 Chicago & North-Western 1,716.87 307.49
3,761.53 307.49 19,181 13,487,204 45,165 2,938,778 1,270,693 Chicago & West
Michigan 395.74 361.28 412.74 378.28 16,468 9,031,382 26,243 1,427,608 1,086,269
White River 17.00 17.00 6,294 125,462 7,406 Cincinnati, Wabash & Michigan 164.40
33.40 164.40 33.40 11,834 605,968 17,082 68,014 62,716 Detroit, Bay City & Alpena
58.23 58.23 58.23 58.23 5,869 542,258 4,928 125,227 81,985 Detroit, Grand Haven &
Milwaukee 189.00 189.00 189.00 189.00 7,937 6,700,001 39,476 1,376,464 963,214
Detroit, Lansing & Northern 221.57 221.57 260.87 260.87 19,567 7,479,298 35,418
1,596,445 1,058,570 Detroit, Mackinac & Marquette 151.90 151.90 153.90 153.90 31,270
13,118,836 86,847 239,789 214,461 Flint & Pere Marquette 334.78 334.78 361.31 361.31
19,416 12,326,386 40,344 2,466,708 1,684,256 Manistee 26.53 26.53 15,077 469,442
15,077 Saginaw & Clare County 35 Saginaw & Mt. Pleasant 2,949 2,949 Grand Rapids
& Indiana 362.36 309.25 513.75 375.04 14,052 11,284,394 44,937 1,972,435 1,428,273
Grand Rapids, Indiana & Mackinaw 34.11 34.11 40 366,393 12,822 29,472 42,567 Lake
Shore & Michigan Southern 1,024.94 353.09 1,339.94 520.91 57,812 21,047,902 111,537
3,642,045 2,367,902 Detroit, Hillsdale & Southwestern 65.20 65.20 20,741 1,287,649
20,741 Detroit Monroe & Toledo 6,640 1,196,382 21,473 Ft. Wayne & Jackson 97.42
44.20 27,196 1,251,007 27,196 Kalamazoo, Allegan & Grand Rapids 58.42 58.42 10,441
1,450,000 24,820 Kalamazoo & White Pigeon 6,295 610,000 22,653 Northern Central
Michigan 9,977 1,357,000 34,920 Marquette, Houghton & Ontonagon 135.71 135.71
135.71 135.71 37,460 10,866,015 59,921 887,728 520,068 Michigan Air Line Railway
35.00 35.00 35.00 35.00 8,571 1,504,901 17,398 50,969 52,648 Michigan Central 270.07
221.00 1,490.22 1,008.50 69,383 25,170,345 123,094 8,094,340 6,015,392 Canada
Souther Bridge 3.66 3.66 118,421 381,579 Detroit & Bay City 147.25 147.25 13,582
3,611,518 40,747 Grand River Valley 83.79 83.79 5,862 2,867,054 23,761 Jackson,
Lansing & Saginaw 295.10 295.10 6,733 8,072,664 21,372 Kalamazoo & South Haven
39.50 39.50 1,899 1,150,635 19,873 Michigan Air Line Railroad 114.72 109.[?]0 3,343
3,011,623 21,399 Michigan Midland & Canada 14.68 14.68 20,436 586,342 43,163
Saginaw Bay & Northwestern 42.90 42.90 1,501 176,783 23 11,455 Toledo, Canada

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Southern & Detroit 55.87 47.27 27,701 2,603,852 54,759 25 Michigan & Ohio 133.00
133.00 156.00 148.50 45,113 8,414,250 65,782 2,391 1,398 Milwaukee Lake Shore &
Western 385.70 26.10 389.10 2.30 15,420 794,000 30,292 6,852 2,201 Mineral Range
12.50 12.50 12.50 12.50 9,308 391,406 27,803 124,791 73,480 Ontonagon & Brule River
20.00 20.00 20.00 20.00 23,172 453,778 8,098 14,958 Paw Paw 4.00 4.00 4.00 4.00
18,750 78,000 19,000 11,727 6,285 Pontiac, Oxford & Port Austin 100.20 100.20 100.20
100.20 15,000 2,840,000 29,720 14,513 18,765 Port Huron & North-Western 218.00
218.00 218.00 5,000 3,538,627 16,500 314,780 198,530 Saginaw, Tuscola &
Huron 47.65 47.65 47.65 47.65 2,287 408,385 8,921 43,089 29,137 Saginaw Valley
& St Louis 35.50 35.50 45.10 45.10 7,459 681,428 20,419 109,730 87,292 Saginaw
& Grand Rapids 3.60 3.60 19,444 70,000 19,444 St. Joseph Valley 10.00 10.00 10.00
10.00 5,400 119,784 9,994 5,121 2,294 Toledo Ann Arbor & Grand Trunk 63.00 58.00
63.00 58.00 31,148 3,046,306 55,487 193,395 110,803 Toledo & South Haven 15.60
15.60 15.60 15.60 3,824 134,410 3,163 11,267 4,847 Traverse City 26.00 26.00 7,885
454,165 25,662 36,657 28,815 Wabash, St. Louis & Pacific 2,747.80 75.20 3,566.20
105.10 18,332 2,608,978 36,922 402,562 438,299 Detroit Union Railroad Depot & Station
Co 3.34 3.34 3.34 3.34 116,200 1,719,499 74,054 70,936 Saginaw & Western 35.30 35.30
113 479,752 13,591 39,604 Total, Commercial Roads 10,481.06 4,916.39 13,993.52
4,954.24 \$209,354,217 \$28,659,117 \$19,755,721 ORE AND FOREST ROADS. Buckley
& Douglas 8.50 8.50 8.50 8.50 \$50 \$73,897 \$ 7,265 \$21,373 \$22,743 Hecla & Torch
Lake 5.25 5.25 5.25 5.25 25,000 211,137 54,159 79,344 79,344 Hobart & Manistee River
9.24 9.24 9.24 9.24 6,494 77,717 13,764 54,387 53,232 Lake County 8.00 8.00 8.00 8.00
7,600 60,000 7,563 31,854 28,000 Muskrat Lake & Clam River 8.00 8.00 8.00 8.00 5,000
63,766 7,046 27,010 14,746 West Branch & Moorestown 10.50 10.50 10.50 10.50 3,125
40,083 3,125 7,787 3,000 Total, Ore and Forest Roads 49.49 49.49 49.49 49.49 \$526,600
\$221,755 \$201,066 Total for all Roads 10,530.55 4,965.88 14,043.01 5,003.73 \$24,753
\$209,880,817 \$55,813 \$28,903,356 \$19,956,786

Railroad construction in Michigan began at an early period. In 1832, less than two years after the opening of the London & Manchester Railway and but a year after the first railroad was operated in America, the Legislative Council of the Territory of Michigan incorporated the Detroit & St. Joseph Railroad. The building of the road began in 1836, but before completing any part of it the company sold its property and franchises to the State, April 22, 1837. Under State, management it was completed from Detroit to Ypsilanti in February, 1838; to Ann Arbor in October, 1839; to Jackson at the close of 1841; to

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Marshall in August, 1844; to Battle Creek in November, 1845, and to Kalamazoo February 2, 1846. In the following summer the road was sold to the Michigan Central Railroad Company for \$2,000,000 and possession given on the 24th of September. The line was finally completed to Chicago in May, 1852. The Michigan Southern was commenced by the State in 1837, completed from Monroe to Hillsdale in the latter part of 1843 and sold to the corporation in 1846. The Detroit & Pontiac Railroad was chartered in 1834 and completed ten years later. The State constitution of 1850 forbade the granting of special charters and all subsequent incorporations have been under general legislation.

Forty years have wrought marvelous changes, many of which are exhibited in the accompanying tables compiled from the reports of the companies for the year ending December 31, 1883. The total amount of stock then paid in amounted to upwards of \$260,000,000 owned by 13,807 stockholders, 3,701 of whom were citizens of Michigan holding stock of the par value of very nearly \$8,000,000. Of the latter 3,187 held stock in the Michigan Central system and but 514 were stockholders in the other corporations.

During the year the total mileage of passenger trains was, in round numbers, 22,000,000, and of freight trains 40,000,000. The average earnings per train mile were \$1.2778 from passenger traffic and \$1.5694 from freight, or \$1.46 from all business, while the operating expenses were 98.73 cents per train mile, or 60.64 per cent. of the earnings, leaving 47.27 cents for general expenses, interest, dividends and improvements.

26 RAILROADS. PASSENGER TRAFFIC. FREIGHT TRAFFIC. Through Passengers. Local Passengers. Total Passengers. Average Rate per Mile Through Local. All. Through Freight. Tons. Local Freight. Tons. Total Tons. Average Rate per Ton per Mile. Through Local. All. Bay View, Little Traverse & Mackinac 41 36,884 36,925 Cts 2.41 Cts 2.00 Cts 2.00 542 1,888 2,430 Cts 9.725 Cts 11.997 Cts 11.506 Chicago & Canada Southern 56,284 2.44 54.803 2.861 Chicago, Detroit & Canada G'd Trunk Junc. 60,463 90,379 150,842 1.62 2,57 2.06 427,543 53,034 480,577 0.550 2.710 0.740 Chicago & Grand Trunk 179,146 341,857 521,003 1.60 2.40 1.70 985,566 145,685 1,131,251 0.600 1.820 0.660 Chicago & North-Western 8,407,427 2.43 8,033,693 1.350 Chicago & West Michigan 659,301 2.78 1,102 300 1.675 Cincinnati, Wabash & Michigan 751 250,401

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251,152 1.06 2.81 2.77 6,853 169,487 176,340 0.834 1.937 1.709 Detroit, Bay City & Alpena 7,674 7,674 3.00 3.00 150,057 150,057 5.150 5.150 Detroit, Grand Haven & Milwaukee 9,497 638,912 648,409 2.23 2.55 2.52 153,043 466,817 619,860 0.521 2.036 1.285 Detroit, Lansing & Northern 700,834 2.64 646,864 1.761 Detroit, Mackinac & Marquette 7,274 41,140 48,414 3.30 3.36 3.34 89,412 93,245 182,657 0.430 2.270 0.810 Flint & Pere Marquette 2,989 1,045,507 1,048,496 2.42 2.72 2.71 52,613 1,340,537 1,303,150 0.511 1.439 1.355 Grand Rapids & Indiana 63,695 907,618 971,313 2.34 2.67 2.61 544,685 220,548 765,233 1.217 2.268 1.403 Grand Rapids, Indiana & Mackinaw 2,909 59,630 62,539 2.45 2.72 2.69 10,047 3,981 14,028 1.120 7.546 1.861 Lake Shore & Michigan Southern 110,566 3,798,790 3,909,356 1.666 2.40 2.19 808,184 7,670,421 8,478,605 0.621 0.765 0.728 Marquette, Houghton & Ontonagon 10,267 145,143 155,410 4.00 4.00 4.00 52,322 931,121 983,443 6.000 3.240 3.410 Michigan Air Line Railway 2,954 52,972 55,926 2.91 3.17 3.13 7,017 20,777 27,794 1.780 5.320 4.380 Michigan Central 82,851 2,826,381 2,909,232 1.80 2.34 2.21 1,329,523 3,867,755 5,197,278 0.630 1.030 0.830 Michigan & Ohio 3,010 3,010 3.00 3.00 251 251 2.000 2.000 Milwaukee, Lake Shore & Western 259,694 3.24 396,260 2.002 Mineral Ranger 57,603 57,603 4.76 4.76 207,107 207,107 4.190 4.190 Paw Paw 20,170 20,170 6.25 6.25 7,239 7,239 9.300 9.300 Pontiac, Oxford & Port Austin 12,490 12,490 2.91 2.91 4,331 4,331 3.229 3.229 Port Huron & North-Western 197,940 197,940 2.47 2.47 81,427 81,427 81,427 3.070 3.070 Saginaw, Tuscola & Huron 42,910 42,940 2.61 2.61 19,958 19,958 4.000 4.000 Saginaw Valley & St. Louis 88,272 2.83 40,783 7.898 St. Joseph Valley 6,126 1,282 7,408 3.50 3.35 3.48 2,243 8.500 Toledo, Ann Arbor & Grand Trunk 1,675 55,815 57,490 2.44 2.41 2.41 84,680 133,859 218,539 0.900 1.550 1.200 Traverse City 5,358 33,005 38,363 2.81 2.79 2.80 10,932 9,927 20,859 2,383 4.600 3.177 Wabash, St Louis & Pacific 3,905,665 2.49 5,859,566 0.948 Aggregate 546,562 10,683,236 25,312,275 Cts 2,72 5,080,288 15,129,082 36,305,099 Cts 0.996 27

An analysis of the traffic shows an equivalent. of 1,026 million passengers carried one mile, the average distance traveled by each passenger being 40.52 miles and the average fare paid \$1.11. The total freight ton mileage was 6,230 millions, the average ton haul being 171.62 miles, for which the average amount received was \$1.71, or .996 cents per mile. The chief commodities moved were

Lumber and forest products 7,646,417 tons; 22.00 per cent.

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Merchandise and articles n. e. s 6,299,978 " 17.09 "

Grain 5, 494, 111 " 14.77 "

Ores 3,173,333 " 9.56 "

Animals 1,795,678 " 4.29 "

Flour and provisions 1,912,980 " 5.14 "

Iron, rails, castings, etc 1,340, 281 " 2.60 "

From the reports of ten States presenting complete statements of passenger traffic and earnings, Massachusetts, with but 1,953 miles of road carrying more than 61,500,000 passengers, reports the lowest rate—2.003 cents per mile. New Hampshire and Connecticut, also with small track-mileage and large traffic, come next. The average rate in Wisconsin was 3.12 cents; in Minnesota, 2.84 cents, and in Michigan, 2.72 cents per mile.

The comparative statement of freight traffic, compiled by Commissioner Innes, "shows that, next to Ohio, Michigan has the advantage of the lowest rates of any State in the Union, where reports have reached this office." He then makes the following significant statement relative to the traffic rates of the chief road of the State, the Michigan Central:

"The Charter of the Michigan Central Railroad Company, passed in 1846, limited the charges which the Company should be authorized to collect upon many specified commodities to the sums or tolls charged in the months of September and October, 1845, upon certain New England railroads, they being the Boston & Lowell, Boston & Providence and Boston & Worcester. The latter, many years since, became a part of the Boston & Albany Railroad, and careful search at the general office of the former fails to elicit any information as to what the tariff actually was by which our most important railroad

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corporation is permitted to regulate its freight charges. But, referring to the Massachusetts Commissioner's reports for 1883, we find that the average freight rate for that year on the Boston & Albany was 1.20 cents. On the Boston & Lowell it was 2.90 cents and on the Boston & Providence 2.83 cents per ton per mile. Reference to the report of the Michigan Central for the same period shows that its rate was, on through freight, 0.63 cents; on local, 1.03 cents, and on all freight, 0.83 cents, or less by two thirds than the average rate of the New England companies, by whose charges, nearly forty years ago, its own must be regulated."

Commissioner Innes, in his first report, suggests that "owing to the proximity of market towns to each other, on parallel lines of road, but few points in reality fail to realize the benefit of competitive rates, and that the average difference in freight charges at what is generally considered competitive and non-competitive points is not so great as is commonly believed." To test this he procured detailed reports of the traffic from non-competitive points on eight of the principal roads of the State and publishes them in his report for 1884, with the following comments:

"A critical examination of the foregoing special reports conclusively shows that as a rule there are few points having superior advantages of others with regard to freight rates. Now and then there seems to be a place, where the tonnage is small and the haul short, that pays a higher average rate than stations affording a larger traffic. But such is the case the country over in similar situation of affairs. It is one of the inevitable sequences of light traffic and short hauls that no legislation is able to avoid. Reference to the recapitulation that I have made of the averages resulting from the special reports shows that the freight rate at the stations included was only 1.36 (cents) per ton per mile, which is believed to be lower (with a single exception) than that of any other State."

MICHIGAN AND TERMINAL STATIONS AND MILEAGE.

Library of Congress

[Coupon Ticket Stations, #; Telegraph Stations, †; Telephone, §; Flag Stations, ¶; Post Offices, ‡. When the name of the Post Office differs from that of the Station, the former is given in parenthesis.]

CHICAGO & GRAND TRUNK.

OFFICERS.— *President* , Joseph Hickson , Montreal; *General Manager* , W. Z. Spicer , Detroit; *Traffic Manager* , George B. Reeve , Chicago; *Secretary* , Charles Percy , Detroit; *Treasurer* , James H. Muir , Detroit; *Solicitor* , E. W. Meddaugh , Detroit; *Chief Engineer* , A. B. Atwater , Battle Creek; *Mechanical Superintendent* , H. Roberts , Port Huron; *Superintendent* , W. H. Pettibone , Battle Creek.

Fort Gratiot # † ‡

Port Huron # † ‡

Grand Trunk Jc. # † ‡ 3.6

Goodell's † ‡ 10.0

Emmet # † ‡ 17.8

Capac # † ‡ 26.3

Imlay City # † ‡ 33.7

Attica # † ‡ 37.9

Lapeer # † ‡ 46.0

Elba # † ‡ 52.5

Davison (Station)# † ‡ 56.5

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Belsay † ¶ 61.0

Flint † ‡ 65.5

Otterburn † ‡ 71.7

Swartz Creek † ‡ 74.2

Orapo Farm ¶ 75.6

Duffield ¶ ‡ 78.2

Durand # † ‡ 82.3

Bancroft # † ‡ 87.1

Morrice # † ‡ 93.4

Perry # † ‡ 95.6

Shaftsbury # † ‡ 99.9

Pine Lake † ¶ 106.5

Trowbridge # † 112.1

28

Lansing # † ‡ 114.7

Millett † ‡ 119.4

Pottersville # † ‡ 126.9

Charlotte # † ‡ 133.9

Library of Congress

Olivet (Station) # † 141.3

Bellevue # † ‡ 146.4

Ransom # † ¶ 152.9

Nichols # † 158.6

Battle Creek # † ‡ 159.7

Renton † ¶

Climax # † ‡ 170.2

Scott's # † ‡ 175.1

Indian Lake ¶ 178.1

Vicksburg # † ‡ 183.1

Schoolcraft # † ‡ 188.7

Chamb'lain's (Leesburgh) ¶ ‡ 194.7

Marcellus # † ‡ 199.4

Wakelee # † ‡ 203.9

Penn † ‡ 208.0

Cassopolis # † ‡ 212.7

Edwardsburgh # † ‡ 221.4

Library of Congress

Chicago, Ill. # † ‡ 335.0

MICHIGAN AIR LINE RAILWAY.

Jackson † ‡

Mich. Cent. Cross 1.5

Tanners Leigh(Tanner P.O.) ¶ ‡ 8.3

Henrietta (Wilbur P.O.) ¶ ‡ 10.5

Stockbridge † ‡ 18.3

Gregory ¶ ‡ 23.5

Pinckney ‡ 31.3

Hamburg ¶ ‡ 38.5

South Lyon † ‡ 47.0

New Hudson † ¶ ‡ 51.0

Wixom † ‡ 56.0

Walled Lake ¶ ‡ 59.4

Orchard Lake ¶ ‡ 66.5

Pontiac † ‡ 70.5

Auburn (Amy) ¶ ‡ 73.5

Library of Congress

Rochester † ‡ 79.5

D. & D. C. Cross † 80.5

Shelby ¶ 83.5

Washington ¶ ‡ 85.5

Romero † ‡ 91.5

Armada † ‡ 98.5

Ridgeway(Lenox) † ‡ 105.5

CHICAGO, DETROIT AND CANADA GRAND TRUNK JUNCTION.

Detroit # † ‡

Detroit Junction ‡

Milwaukee Jctn # † 4.5

Fraser # † ‡ 16.2

Mount Clemens. # † ‡ 21.6

Chesterfield ‡ 26.2

New Haven # † ‡ 31.6

Ridgeway (Lenox). # † ‡ 37.5

Smith's Creek # † ‡ 48.2

Library of Congress

C. & G. T. Junction. † 55.2

Port Huron # † ‡ 58.6

CHICAGO & NORTH-WESTERN.

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PENINSULA DIVISION—MAIN LINE.

Ishpeming # † ‡

Negaunee # † ‡ 3.0

Patridge ¶ 6.0

Goose Lake ¶ 8.4

Cascade Junction ¶ † 10.5

Harvey ¶ 11.8

Sands ¶ ‡ 16.0

Plains ¶ 19.8

Cheshire † 22.1

Library of Congress

Little Lake (Forsyth P. O.) ¶ ± 24.4

Helena ¶ 30.5

Lathrop † ± 35.4

Maple Ridge 40.8

Campbell ¶ 45.5

Beaver ¶ 48.1

Perkins 49.1

Brampton † ± 52.4

Mason ¶ 56.2

Bay Siding ¶ 59.8

Flat Rock ¶ 62.2

Escanada # † ± 64.8

Pine Ridge ¶ 69.6

Ford River ¶ ± 71.5

Narenta † 74.2

Bark River (Barkville P. O.) † ± 76.8

Indian Town ¶ 80.3

Library of Congress

Wilson ¶ † ± 83.3

Spalding † ± 87.1

Powers † ± 87.8

Kloman (English) ± 90.8

Nadeau † ± 93.5

Carney ± 95.2

Bagley † ± 97.7

Daggett † ± 104.2

Stephenson † ± 107.5

Ingalls † ± 110.1

Wallace † ± 113.6

Birch Creek 122.2

Menominee # † ± 129.2

Fort Howard, Wis. 179.9

ESCANABA & LAKE SUPERIOR LINE.

Narenta †

Alectro 4.7

Library of Congress

Whitney ‡ 9.6

Comus 11.6

Dryads 13.2

Faunus 17.2

Hylas 26.1

Burnt Bluffs 30.5

Metropolitan † ‡ 34.8

MENOMINEE RIVER LINE.

Powers † ‡

Hermansville † ‡ 4.3

Cedar 8.2

Waucedah † ‡ 12.1

Vulcan † ‡ 18.6

Norway † ‡ 21.0

Fumee † 23.4

Quinnesec † ‡ 24.5

Iron Mountain # † ‡ 28.7

Library of Congress

Antoine † 29.6

River Siding 31.5

Spread Eagle 35.9

Hematite 40.0

Commonwealth † 41.2

Florence # † 42.1

Brule 45.6

Stager † ‡ 48.6

Armstrong 55.0

Palatka 65.0

Stambaugh † ‡ 67.1

Iron River †‡ 68.1

Stager † ‡

Mastodon † ‡ 2.2

Panola 5.3

Crystal Falls † ‡ 9.1

CHICAGO & WEST MICHIGAN.

Library of Congress

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SOUTHERN DIVISION.

Grand Rapids # † ‡

Avenue Junc †.3

Grandville † ‡ 6.0

Jenisonville † 7.2

Hudsonville † ‡ 11.7

Vriesland (Beaver Dam P. O.) ‡ 16.2

Zeeland † ‡ 20.7

29

Holland # † ‡ 35.4

East Saugatuck † ‡ 33.0

New Richmond † ‡ 36.4

Fennville † ‡ 40.6

Bravo † ‡ 46.2

Hoppertown ¶ 48.9

Library of Congress

Black River(Lee) ¶ ± 50.4

Grand Junc # † ± 53.9

Breedsville † ± 57.9

Bangor # † ± 60.9

McDonald ¶ ± 64.9

Hartford # † ± 68.9

Watervliet † ± 73.9

Coloma † ± 76.7

Riverside † ± 80.5

Hagar ¶ ± 82.1

Benton Harbor # † ± 85.9

St. Joseph # † ± 87.9

Glen Lord ¶ † 92.9

Stevensville † ± 95.6

Morris ¶ 99.0

Bridgeman † ± 100.8

Sawyer † ± 105.3

Library of Congress

Town Line ¶ 111.7

New Buffalo # † ‡ 115.4

La Crosse, Ind. # † ‡ 153.2

NORTHERN DIVISION.

Allegan # † ‡

Mill Grove ¶ ‡ 3.8

Dunning ¶ ‡ 8.2

Gilchrist's ¶ 9.7

Hamilton † ‡ 13.2

Fillmore (Centre) † ‡ 16.8

May ¶ 20.0

Holland # † ‡ 23.0

North Holland ¶ 28.0

West Olive † ‡ 82.5

Bushkill ¶ 34.0

Johnsville † ‡ 36.0

Grand Haven # † ‡ 43.5

Library of Congress

Ferrysburg # † ‡ 44.5

Kirk's Junc † 46.3

Pickand's Jc. (Fruitport P. O.) † ‡ 50.1

Mona Lake (Black Lake P. O.) ¶ ‡ 52.0

Third Street # ‡ 56.5

Muskegon # † ‡ 57.0

Big Rapids Junc † 61.0

Dalton ¶

Sweet's ¶ 67.0

Whitehall # † ‡ 73.0

Montague # † ‡ 74.0

Rothbury ¶ ‡ 80.4

New Era † ‡ 84.1

Shelby # † ‡ 88.1

East Golden ¶ 91.2

Mears † ‡ 94.2

Hart † ‡ 97.5

Library of Congress

Pentwater # † ‡ 101.0

BIG RAPIDS DIVISION.

Muskegon # † ‡

Big Rapids Junc † 4.0

Twin Lake † ‡ 10.4

Holton † ‡ 16.4

Fremont # † ‡ 23.6

Worcester Hill ¶ ‡ 30.0

Alleyton † ‡ 33.8

White Cloud † ‡ 34.7

McLane's Siding ¶ 40.3

Woodville † ‡ 44.2

Lumberton † ‡ 46.2

Hungerford † ‡ 48.2

Big Rapids # † ‡ 55.2

NEWAYGO DIVISION.

Grand Rapids # † ‡

Library of Congress

Avenue Junc †.3

W. Grand Rapids # † 1.3

D. & M. Crossing † 3.8

G. R. & I. Crossing (Mill Creek P. O.) ‡ 5.6

Alpine ¶‡ 8.7

Englishville ¶† 11.7

Sparta † ‡ 14.8

Kent City † ‡ 20.6

Casnovia † ‡ 22.6

Trent ‡ 24.6

Bailey † ‡ 25.8

Ashland ‡ 28.0

Grant †‡ 31.1

Newaygo # † ‡ 36.7

White Cloud † ‡ 47.3

Diamond Loch † ‡ 52.1

Park City ¶ 54.3

Library of Congress

Otia (Dingman) ¶ ± 57.9

West Troy Junc † ± 61.7

West Troy † ± 63.0

Lilley Junc ¶ ± 65.4

Sissons Mills 68.0

Roby's Junc 71.1

Baldwin # † ± 74.4

CINCINNATI, WABASH & MICHIGAN.

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Benton Harbor # † ±

Sodus † 7.0

Eau Claire # † ± 13.0

Berrien Center # † ± 15.0

Niles # † ± 24.0

Truitt's 31.0

Library of Congress

Anderson, Ind. # † ‡ 164.4

DETROIT, BAY CITY & ALPENA.

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Alger ‡

Mofat ¶ 4.4

Shearer ¶ 7.0

Prescott ‡ 11.3

Mills ¶ 15.9

Whittemore ‡ 18.9

Emery ¶ 23.6

Arn 24.9

Hale ¶ 28.6

Tawas City ‡ 34.0

East Tawas ‡ 35.4

Bristol ¶ 38.0

Au Sable ‡ 47.3

DETROIT, GRAND HAVEN & MILWAUKEE.

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Detroit # † ‡

Milwaukee Jctn # † 4.2

Royal Oak # † ‡ 13.0

Birmingham # † ‡ 18.5

Pontiac # † ‡ 25.7

Drayton Plains # † ‡ 31.3

Waterford # † ‡ 33.5

Clarkston # † ‡ 35.2

Davisburg # † ‡ 41.5

Holly # † ‡ 46.5

Fenton(ville) # † ‡ 50.7

Linden # † ‡ 55.2

Gaines (Station)# † ‡ 63.7

Library of Congress

Durand # † ‡ 67.0

Vernon # † ‡ 70.2

Corunna # † ‡ 75.5

Owosso # † ‡ 78.7

Owosso Junction # † 79.2

Ovid # † ‡ 88.7

Shepardsville # † ‡ 91.5

St. Johns # † ‡ 98.0

Fowler # † ‡ 107.5

Pewamo # † ‡ 112.7

Muir # † ‡ 117.7

Ionia # † ‡ 124.0

Saranac # † ‡ 132.5

Lowell # † ‡ 139.5

Ada # † ‡ 148.0

Grand Rapids # † ‡ 157.5

G. R. & I. Jctn # † 158.7

Library of Congress

Berlin # † ‡ 166.5

Coopersville # † ‡ 172.5

Nunica # † ‡ 179.7

Spring Lake # † ‡ 186.2

Ferrysburg # † ‡ 187.0

Grand Haven # † ‡ 189.0

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DETROIT, LANSING & NORTHERN.

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MAIN LINE.

Detroit # † ‡

Springwells # † ‡ 3.0

Greenfield † 8.0

Beech † ‡ 14.2

Elm ¶ ‡ 16.0

Library of Congress

Stark ‡ 18.5

Plymouth # † ‡ 22.5

F. & P. M. Crossing † 22.7

Salem † ‡ 29.0

South Lyon # † ‡ 34.2

Green Oak ‡ 37.5

Brighton # † ‡ 43.0

Howell # † ‡ 51.5

Fowlerville # † ‡ 60.0

Webberville # † ‡ 65.3

Williamston # † ‡ 71.0

Meridian † ‡ 75.3

Okemos † ‡ 79.2

Trowbridge † 82.7

Lansing # † ‡ 85.2

North Lansing † ‡ 86.2

Delta † ‡ 91.9

Library of Congress

Ingersoll's ¶ 93.7

Grand Ledge # † ‡ 96.9

Eagle † ‡ 101.3

Portland # † ‡ 108.9

Collins † ‡ 113.9

Webber's 116.3

Lyons # † ‡ 117.3

Ionia # † ‡ 122.8

Stanton Junction † 127.0

Orleans † ‡ 131.4

Chadwick's 134.2

Kiddville #† 136.3

Belding # † ‡

Greenville # † ‡ 141.5

Gowen † ‡ 147.0

London †

Trufant † ‡ 152.2

Library of Congress

Maple Valley † ‡ 154.2

Coral # † ‡ 156.4

Howard City # † ‡ 160.6

STANTON BRANCH.

Ionia # † ‡

Stanton Junction † 4.2

Wood's Corners ‡ 8.4

Shiloh †‡ 10.7

Fenwick † ‡ 13.8

Sheridan # † ‡ 18.3

Wagers ¶ 19.1

Fish Creek Branch 21.2

Colby ‡ 22.1

Stanton # † ‡ 24.2

Wood's Mill ¶ 26.0

Slaght's Mill † 26.4

McBride's † ‡ 28.6

Library of Congress

Nelson ¶ 30.3

Graffville ¶ 31.3

Edmore # † ‡ 32.6

Wyman † ‡ 35.8

Remick 37.4

Blanchard † ‡ 41.7

Millbrook † ‡ 44.3

Remus † ‡ 48.3

Mecosta † ‡ 52.8

Rodney † ‡ 59.1

Chippewa Lake †‡

Marshfield 61.3

Big Rapids # † ‡ 67.5

SAGINAW DIVISION.

St. Louis # † ‡

Alma # † ‡ 3.5

Elwell ¶ 8.1

Library of Congress

Seville ¶ 9.1

Riverdale † ‡ 11.8

Vestaburg † ‡ 16.7

Rockland ¶ 19.3

Cedar Lake † ‡ 20.0

West's Mill ¶ 21.7

Edmore # † ‡ 23.3

Sumnerville ¶ 28.4

Six Lakes † ‡ 28.9

Belvidere ¶ 31.3

Lake View † ‡ 35.9

SAGINAW VALLEY & ST, LOUIS.

East Saginaw # † ‡

F. & P. M. Crossing# † 1.0

Saginaw City # † ‡ 2.0

Paine's † ‡ 6.0

Swan Creek ¶ 8.9

Library of Congress

Grahams ¶ 10.6

Sand Ridge ¶ 12.3

Hemlock † ‡ 15.6

Porters (Randall P. O.) ¶ ‡ 18.6

Merrill # † ‡ 20.6

Wheeler ‡ 26.1

Breckenridge # † ‡ 28.7

St. Louis # † ‡ 34.2

Alma # † ‡ 38.4

Ithaca # † ‡ 45.1

DETROIT, MACKINAC & MARQUETTE.

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St. Ignace # † ‡

Allenville (Ozark)¶ ‡ 9.5

Moran ‡ 10.7

Library of Congress

Palms(Pines P.O.)† ± 19.6

Johnson ¶ 23.0

Trout Lake ¶ 36.7

Newberry # † ± 55.0

Dollarville # † ± 56.5

McMillan ± 63.6

Seney # † ± 75.9

Driggs 84.3

Walsh ¶ 87.3

Creighton ¶ 91.5

Jeromeville ¶ 100.9

Reedsboro # 101.9

Munising (Floeter)† ± 108.8

Au Train † ± 122.0

Ward's ¶ 124.7

Rock River Kilns¶ 126.9

Onota ¶ ± 129.8

Library of Congress

Deerton ¶ 131.9

Whitefish ¶ 33.9

Sand River 136.2

Chocolay (Harvery P. O.) ¶ ‡ 146.9

Marquette # † ‡ 150.9

FLINT & PERE MARQUETTE.

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MAIN LINE.

Monroe # † ‡

Warner 1.2

Grafton ¶ ‡ 9.3

Carleton † ‡ 10.8

Waltz † ¶ ‡ 13.5

Belden † ¶ ‡ 14.7

New Boston † ¶ † 8.1

Library of Congress

Romulus † ‡ 22.2

Wayne # † ‡ 25.8

Canton 29.6

Plymouth # † ‡ 33.4

D., L. & N. Crossing 33.9

Northville # † ‡ 37.4

Novi † ¶ ‡ 41.3

Wixom # † ¶ ‡ 45.5

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Milford # † ‡ 50.9

Highland (Sta.) † ‡ 54.6

Clyde † ¶ ‡ 57.7

Rose Centre † ¶ ‡ 61.2

Holly # † ‡ 65.8

Stony Run Siding¶ 72.0

Grand Blanc # † ‡ 75.3

Flint # † ‡ 82.6

Flint River Junc † 87.2

Library of Congress

Mt. Morris † ± 90.0

Pine Run † ± 94.6

County Line ¶ ± 97.9

Birch Run † ¶ ± 100.4

Blackmar † ¶ 04.2

Bridgeport † ± 09.6

Saginaw City Junc. 113.7

East Saginaw # † ± 116.0

J., L. & S. Crossing † 16.5

Drissel 121.8

Freeland † ± 26.8

Smith's Crossing 131.2

Midland # † ± 135.9

Averill † ± 41.7

Sanford † ± 144.1

North Bradley † ± 150.0

Dorr ¶ 52.4

Library of Congress

Coleman † ± 155.8

Loomis † ± 60.5

Clare † ± 65.9

Harrison Junc † 68.3

Farwell # † ± 170.8

Lake (Crooked L) † ± 178.2

Chippewa † ¶ ± 183.9

Sears † ± 187.9

Evart # † ± 191.7

Wing's Junc 195.6

Hersey † ± 201.4

Reed City # † ± 204.9

Chase † ± 211.6

Nirvana † ± 215.6

Forman ¶ ± 220.1

Baldwin † ± 222.6

Wingleton ± 225.2

Library of Congress

Stearns ¶ 228.5

Branch † ‡ 232.5

Manistee Junc ‡ 236.4

Weldon Creek ¶ ‡ 238.9

Custer † ‡ 241.5

Scottville † ¶ ‡ 244.6

Amber † ¶ ‡ 246.5

Ludington † ‡ 253.3

BAY CITY DIVISION.

East Saginaw # † ‡

So. Bay Cy (Portsm'th)† ‡ 10.0

Bay City # † ‡ 12.4

FLINT RIVER DIVISION.

Flint # † ‡

Junction 4.6

Genesee ‡ 8.2

Robergs(ville) ‡ 0.6

Library of Congress

Otisville † ± 14.4

Otter Lake † ± 9.0

Fostoria † ± 24.0

MANISTEE DIVISION.

Manistee Junction

Tallman † ± 2.9

Fountain ± 8.1

Gun Lake Switch 10.7

Free Soil ± 3.4

Stronach † ± 20.9

Eastlake ¶ ± 23.7

Manistee # † ± 26.5

SAGINAW & CLARE COUNTY R. R.

Harrison Junction †

Moore's Siding ¶ 2.0

Atwood's Siding ¶ 5.7

Hatton † ± 7.0

Library of Congress

Mann's Siding ¶ 0.2

Rice's Siding ¶ 2.4

Harrison † ‡ 4.7

Arnold Lake 19.9

Hacley & Humes 21.1

Levington Siding 22.9

Frost 23.9

Meredith † 29.6

SAGINAW & MT. PLEASANT R. R.

Coleman † ‡

Wise ‡ 3.8

Delwin ‡ 6.5

Leaton † ‡ 9.0

Jordan 10.3

Isabella 11.7

Mt. Pleasant # †‡ 4.5

ST, CLAIR R. R.—SAGINAW CITY DIVISION.

Library of Congress

East Saginaw # † ‡

Saginaw City Jct'n 2.3

Genesee Ave

Jefferson Ave

Washington Ave

Saginaw City # † ‡ 5.4

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Richmond, Ind# † ‡

Sturgis # † ‡ 148.9

Perrin ¶ 54.4

Nottawa † ‡ 157.7

Wasepi † ‡ 59.3

Mendon † ‡ 63.6

Portage Lake ¶ 67.5

Library of Congress

Vicksburg # † ‡ 172.8

Austin Lake ¶ 77.9

Indian Field ¶ 81.7

Kalamazoo # † ‡ 185.2

Cooper ¶ ‡ 91.1

Travis ¶ 93.5

Plainwell † ‡ 196.5

Monteith † ‡ 201.8

Martin † ‡ 202.9

Shelbyville † ‡ 206.8

Bradley † ‡ 209.9

Wayland † ‡ 212.9

Moline † ‡ 217.4

Ross † ‡ 220.9

Carlisle ¶ 224.2

Fisher's(Station)¶ ‡ 227.0

Grand Rapids # † ‡ 233.8

Library of Congress

W. Grand Rapids 234.9

D. G. H. & M. Cr'g. † 236.6

Belmont ¶ † ‡ 243.5

Rockford † ‡ 247.7

Edgerton ¶ ‡ 250.5

Cedar Springs † ‡ 254.9

Lockwood ¶ ‡ 257.4

Sand Lake † ‡ 260.1

Pierson † ‡ 262.2

Wood Lake ¶ ‡ 264.0

Maple Hill ¶ ‡ 265.7

Howard City # † ‡ 267.8

Reynolds ¶ ‡ 271.2

Morley # † ‡ 274.2

Stanwood † ‡ 280.8

Byers ¶ ‡ 286.1

Big Rapids # † ‡ 289.8

Library of Congress

Upper Big Rapids 290.5

Paris † ‡ 295.3

Upper Paris † 296.1

Crapo ¶ † ‡ 298.2

Reed City # † ‡ 302.5

Orono ‡ 306.4

Milton Junction † 306.8

Ashton † ‡ 309.4

Le Roy ‡ 315.1

Tustin ‡ 319.7

Hobart † ‡ 325.8

Cadillac # † ‡ 331.6

Missaukee Junct'n (Haring P. O.) † ‡ 335.6

Manton † ‡ 343.8

Walton † ‡ 352.6

Fife Lake † ‡ 357.1

South Boardman. † ‡ 363.2

Library of Congress

Crofton ¶ ± 366.3

Kalkaska † ± 371.3

Leetsville ¶ ± 376.1

Westwood ¶ ± 380.9

Furnace ¶ ± 383.6

Mancelona † ± 381.7

Wetzell ± 387.2

Alba ± 390.5

Simons ¶ ± 395.1

Elmira † ± 400.3

Byne Falls † ± 408.8

Clarion ¶ ± 417.0

Petoskey # † ± 424.5

Bay View ¶ ± 425.6

Harbor Sp'gs J'n ¶ ± 426.9

Conway ¶ ± 429.7

Oden ¶ ± 432.1

Library of Congress

Alanson † 434.8

Brutus ¶ ‡ 438.5

Pellston † ‡ 442.5

Levering † ‡ 448.3

Carp Lake ¶ ‡ 450.3

Mackinaw City.# † ‡ 459.6

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BAY VIEW, LITTLE TRAVERSE & MACKINAW.

Petoskey # † ‡ 2.3

Harbor Springs J'n.¶

Page 2.1

Wequetosning 4.4

Harbor Springs ‡ 5.6

MANISTEE BRANCH.

Milton Junction †

Deer Lake † ‡ 5.1

Totten 8.8

Luther † ‡ 11.7

Library of Congress

Carey(Copley P.O)† ‡ 14.5

Deer Lake † ‡

Foxville 4.2

Pelton 7.5

MISSAUKEE BRANCH

Missaukee Junction (Haring P. O.) † ‡

Long lake Junction 2.7

Round Lake ‡ 4.3

Mitchell (Jenning' P. O. ‡ 7.6

TRAVERSE CITY.

Walton † ‡

Summit (Summit City P. O.) ‡ 6.2

Westminster 8.0

Kingsley ‡ 9.3

Mayfield ‡ 2.6

Keystone ‡ 9.6

Traverse City # † ‡ 26.0

LAKE SHORE & MICHIGAN SOUTHERN.

OFFICERS.— *President and General Manager* , John Newell , Cleveland; *Vice-President, Treasurer and Secretary* , E. D. Worcester , New York; *General Counsel* , Ashley Pond , Cleveland; *General Superintendent* , P. P. Wright , Cleveland; *Auditor* , C. P. Leland , Cleveland; *Chief Engineer* , L. M. Clarke , Cleveland; *General Freight Agent* , George H. Vaillant , Cleveland; *General Passenger Agent* , W. P. Johnson , Chicago; *General Ticket Agent* , J. W. Cary , Cleveland; *Purchasing Agent* , L. C. Higgins , Cleveland.

GRAND RAPIDS BRANCH.

Grand Rapids # † ‡

Eagle Mills † 2.4

Grandville ¶ 6.4

Byron Center † ‡ 2.3

Dorr † ‡ 18.4

Hilliard's † ‡ 22.0

Hopkins † 25.9

Allegan # † ‡ 33.2

Abronia ¶ ‡ 39.0

Otsego † ‡ 43.0

Plainwell # † ‡ 46.4

Library of Congress

Argenta (Silver Creek P. O.) ¶ ± 49.3

Cooper ¶ ± 52.5

Kalamazoo # † ± 58.3

Portage ¶ ± 65.0

Schoolcraft # † ± 71.4

Flowerfield † ± 74.9

Moorepark ± 78.5

Three Rivers # † ± 83.4

Florence ¶ ± 87.5

Constantine † ± 90.9

White Pigeon # † ± 94.7

DETROIT RAPIDS BRANCH.

Adrian # † ±

Lenawee Junc † ± 4.0

Wellsville ± 7.2

Sisson 9.7

Corbus 11.6

Library of Congress

Deerfield † ± 12.7

Petersburgh † ± 16.2

Federman 20.8

Ida † ± 23.3

Strasburgh ± 28.0

Monroe Junc † 33.2

Detroit # † ±

Gran Trunk Jc # † 8.1

Ecorces † ± 4.3

Wyandotte # † ± 17.0

Trenton † ± 21.3

Chandler

Rockwood † ± 27.5

Newport † ± 33.1

Stony Creek ¶ 35.9

Warner † 39.3

Monroe # † ± 40.4

Library of Congress

La Salle ¶ ± 45.2

Vienna † 50.2

Toledo, O # † ± 65.0

DUNDEE BRANCH.

Chandler

Flat Rock † ± 5.2

Bryan Hill 9.0

Carleton † ± 1.1

Scofield † ± 6.3

Maybee † ± 8.3

Raisinville 22.6

Dundee † ± 25.9

Petersburgh † ± 29.7

Deerfield † ± 33.5

Grosvenor † 40.0

FAYETTE BRANCH.

Fayette, O

Library of Congress

Morenic # † ‡ 6.7

Weston † ‡ 3.2

Jasper ‡ 6.8

Ogden † ‡ 20.1

Grosvenor † 24.7

FORT WAYNE BRANCH.

Jackson # † ‡

Air Line Junction

Wilson's ¶ 6.0

Horton ‡ 1.0

Hanover # † ‡ 14.0

Stony Point † ‡ 6.0

Scipio † 9.0

Jonesville # † ‡ 25.0

Bankers † ‡ 31.0

Reading # † ‡ 36.0

Montgomery † ‡ 42.0

Library of Congress

Fort Wayne, Ind. # † ‡ 100.0

JACKSON BRANCH.

Jackson # † ‡

Eldred ¶ 5.5

Napoleon † ‡ 10.0

Norvell † ‡ 3.3

Manchester # † ‡ 20.7

River Raisin ¶ ‡ 24.8

Clinton † ‡ 28.5

Tecumseh # † ‡ 33.0

Charis 38.7

Lenawee Junc † ‡ 42.0

LANSING BRANCH.

North Lansing †

Lansing # † ‡

South Lansing ¶ .0

Packard ¶ 5.2

Library of Congress

Dimondale † ± 8.2

Kingsland † ± 2.4

Eaton Rapids # † ± 17.7

Charlesworth † ± 22.4

Springport # † ± 27.4

Devereaux † ± 31.4

Albion # † ± 37.8

Condit 42.8

Homer # † ± 46.1

Litchfield † ± 53.4

Jonesville # † ± 60.0

33

MICHIGAN DIVISION (OLD ROAD).

Elkhart, Ind # † ± 18.7

White Pigeon # † ±

Klinger's Lake † ± 7.4

Sturgis # † ± 11.8

Burr Oak † ± 8.0

Library of Congress

Bronson # † ‡ 24.8

Batavia † 29.4

Coldwater # † ‡ 35.5

Quincy # † ‡ 41.9

Allen's ‡ 48.6

Jonesville # † ‡ 53.8

Fort Wayne Junc †

Hillsdale # † ‡ 58.1

Osseo † ‡ 63.6

Pittsford # † ‡ 67.4

Hudson # † ‡ 73.8

Clayton † ‡ 80.3

Dover 85.7

Adrian # † ‡ 91.2

Lenawee Junc † ‡ 95.6

Palmyra ‡ 97.0

Grosvenor †

Library of Congress

Blissfield † ‡ 101.3

Riga † ‡ 03.5

Ottawa Lake † ‡

Sylvania, O † ‡ 13.3

YPSILANTI BRANCH.

Ypsilanti † ‡

Pittsfield Junc † ‡ 7.0

Saline # † ‡ 11.1

Bridgewater † ‡ 7.4

Manchester † ‡ 24.6

Watkins ¶ 29.9

Brooklyn † ‡ 35.8

Woodstock (Kelley's Corners P. O.) † ‡ 40.8

Somerset † ‡ 43.6

Somerset Centre † 45.4

Jerome † ‡ 49.0

North Adams † ‡ 53.7

Library of Congress

Hillsdale # † ‡ 61.1

MARQUETTE, HOUGHTON & ONTONAGON.

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Marquette # † ‡

Bancroft ¶ 3.0

Bruce ¶ 6.0

Eagle Mill † ‡ 8.0

Negaunee # † ‡ 12.0

Ishpeming # † ‡ 15.0

Saginaw ¶ 19.0

Greenwood ¶ 21.0

Clarksburg † ‡ 25.0

Humboldt † ‡ 26.0

Champion # † ‡ 31.0

Michigamme # † ‡ 38.0

Library of Congress

Beaufort Junc ¶ 41.0

Sturgeon ¶ 47.0

Summit ¶ 53.0

Taylor Junc ¶ 58.0

L'Anse † ‡ 63.0

Baraga † ‡ 68.0

Houghton † ‡ 95.0

Hancock † ‡ 95.0

REPUBLIC BRANCH.

Humboldt # † ‡

Republic † ‡ 9.0

Erie Mine 14.0

MARQUETTE AND WESTERN.

Marquette # † ‡

Carp ¶ † 5.0

Kilns ¶ 6.8

Eagle Mill † ‡ 9.2

Library of Congress

Negaunee † ‡ 13.5

Cleveland 15.0

Ishpeming † ‡ 16.5

Branches to iron mines 4.0

MICHIGAN & OHIO.

OFFICERS.— *Receiver* , J. A. Latcha , Toledo; *Auditor* , F. S. Anable , Toledo; *General Freight and Passenger Agent* , B. McHugh , Toledo; *Engineer and Purchasing Agent* , W. L. Webb , Toledo.

Toledo, O # † ‡ 23.0

Dundee † ‡

Clarksville ¶ ‡ 8.3

Britton # † ‡ 9.6

Ridgeway † ‡ 11.4

Tecumseh # † ‡ 15.4

Tipton ‡ 21.9

Onsted † ‡ 28.4

Devil's Lake ¶ 33.9

Addison # † ‡ 36.9

Library of Congress

Jerome † ± 44.1

Moscow † ± 47.0

Hanover # † ± 51.5

Pulaski † ± 56.0

Homer # † ± 65.2

Eckford ± 70.7

Marshall # † ± 77.2

Ceresco ± 82.5

Battle Creek # † ± 90.8

Augusta # † ± 100.0

Yorkville † ± 103.5

Richland † ± 06.1

Doster ± 14.1

Monteith # † ± 121.7

Fisk ¶ 125.5

Kellogg ¶ 128.1

Allegan # † ± 133.0

MICHIGAN CENTRAL.

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MAIN LINE.

Buffalo, N. Y # † ‡ 251.0

Detroit # † ‡

Springwells # † 3.0

Junction Yards † 4.0

Detroit Stock Yds †

Dearborn # † ‡ 10.3

Inkster ¶ ‡ 13.6

County House 15.4

Wayne † ‡ 7.6

Wayne Junc # † 8.0

Sheldon's 22.3

Library of Congress

Denton † ‡ 24.9

Ypsilanti # † ‡ 29.5

Geddes † 33.3

Ann Arbor # † ‡ 37.4

Foster's 40.4

Delhi † ‡ 42.6

Scio ¶ ‡ 44.3

Dexter # † ‡ 47.0

Chelsea † ‡ 54.4

Francisco † ‡ 61.2

Grass Lake # † ‡ 65.4

Leoni † ‡ 68.4

Michigan Centre ¶ † 71.7

Jackson Junc † 74.7

Jackson # † ‡ 75.7

Trumbull's (Sandstone P. O.) † ¶ ‡ 80.0

Parma † ‡ 86.4

Library of Congress

North Concord ¶ 89.3

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Bath Mills † ¶ 92.3

Newburg Mills 94.4

Albion # † ‡ 96.0

Marengo † ‡ 01.2

Marshall # † ‡ 107.8

Ceresco † ¶ ‡ 13.0

Wheatfield † 14.5

Nichols † 20.1

Battle Creek # † ‡ 120.6

Bedford † ‡ 26.4

Augusta # † ‡ 130.4

Galesburg † ‡ 134.8

Comstock † ¶ † 39.7

Kalamazoo # † ‡ 143.6

Ostemo † ‡ 49.3

Mattawan # † ‡ 156.0

Library of Congress

Lawton # † ‡ 160.0

White Oaks ¶ 162.4

Decatur # † ‡ 167.8

Glenwood † ¶ ‡ 172.6

Dowagiac # † ‡ 179.0

Pokagon † ‡ 85.0

Niles # † ‡ 191.5

Buchanan # † ‡ 198.0

Dayton † ‡ 202.2

Galien † ‡ 205.2

Avery ¶ † 209.0

Three Oaks † ‡ 211.0

New Buffalo # † ‡ 218.0

Chicago, Ill # † ‡ 285.5

BAY CITY DIVISION.

Detroit # † ‡

Bay City Junc † 2.0

Library of Congress

Grand River Ave ¶ 4.0

Woodward Ave 5.5

D.,G.H. & M. Junc.† 7.0

Norris † ¶ ‡ 10.5

Centre Line ‡ 4.0

Warren † ‡ 17.0

Spinnings 18.0

Utica † ‡ 24.0

De Pew's Siding 28.0

Rochester Junc † 30.0

Rochester # † ‡ 31.0

Goodison ‡ 35.0

Rudd's Mill 39.0

Orion † ‡ 40.5

Bailey's Siding 42.0

Oxford †‡ 43.5

Oxford Junc 43.8

Library of Congress

Thomas † ‡ 47.5

Metamora † ‡ 52.0

Hunter's Creek † ‡ 55.0

Walker's Mill 59.5

Lapeer Junc † 59.7

Lapeer # † ‡ 60.0

L. & N. Junc 60.3

Carpenter's ¶ 65.5

Columbiaville # † ‡ 69.0

Otter Lake † ‡ 74.0

Smith's Siding 77.5

Millington † ‡ 80.0

Crampton's 82.5

Vassar # † ‡ 86.5

Caro Junc 86.7

Gravel Pit Siding 88.3

Denmark Junc.(Jenney P. O.) † ‡ 91.0

Library of Congress

Reese † ‡ 95.0

Munger ¶ † 01.0

Bay City # † ‡ 108.0

Lapeer # † ‡

Stephen's † 6.0

Five Lakes † ‡ 8.5

Vassar # † ‡

Watrousville † ‡ 5.0

Wahjamega † ‡ 9.0

Caro # † ‡ 13.0

Vassar # † ‡

Van Fliets (Blumfield P. O.) ¶ ‡ 9.5

Buena Vista ¶ ‡ 14.3

F. & P. M. Crossing 18.0

East Saginaw # † ‡ 20.3

M. C. R. R. Junc 21.3

Saginaw City # † ‡ 22.3

Library of Congress

AIR LINE DIVISION.

Jackson # † ‡

Ft. Wayne Switch 0.5

Snyder's ¶ 8.0

Spring Arbor ¶ ‡ 10.3

Concord † ‡ 4.6

Pulaski ¶ 18.6

Homer # † ‡ 23.6

Clarendon ¶ ‡ 26.7

Tekonsha † ‡ 33.2

Osborn's ¶ 35.0

Burlington ¶ 37.0

Union City # † ‡ 41.4

Sherwood † ‡ 48.3

Colon † ‡ 53.5

Wasepi # † ‡ 60.4

Centreville † ‡ 64.0

Library of Congress

Three Rivers # † ‡ 69.2

Fabius ¶ 73.9

Corey † ¶ ‡ 76.6

Jones ¶ 78.7

Newburg ¶ 80.1

Vandalia † ‡ 84.6

Diamond Lake ¶ 87.6

Forest Hall ¶ 88.7

Cassopolis # † ‡ 89.7

Dailey † ‡ 94.0

Barron Lake ¶ 99.3

Niles # † ‡ 103.4

GRAND RAPIDS DIVISION.

Jackson # † ‡

Van Horn ¶ 6.0

Rives Junc † ‡ 10.5

Arland ¶ ‡ 4.5

Library of Congress

Onondaga † ± 17.3

Eaton Rapids # † ± 24.0

Charlotte # † ± 34.6

Chester ± 39.9

Vermontville † ± 45.9

Nashville † ± 49.6

Morgan ± 54.4

Thorn Apple ¶ 55.4

Quimby ¶ 57.5

Hastings # † ± 61.8

Irving ¶ ± 69.2

Middleville † ± 72.8

Parmelee ¶ ± 75.9

Caledonia † ± 78.9

Dutton † ± 83.6

Bowen ¶ 87.4

Grand Rapids # † ± 93.9

Library of Congress

MACKINAW DIVISION.

Bay City # † ‡

West Bay City # † ‡ 1.1

Kawkawlin ‡ 4.8

Terry's (Linwood P. O.) ‡ 0.3

State Road (Michie P. O.) ‡ 5.2

Pinconning # † ‡ 18.9

White Feather 21.6

Saganin 23.8

Eddys 25.5

Standish # † ‡ 27.5

Deep River ‡ 30.0

Sterling # † ‡ 32.3

Alger # † ‡ 40.5

Culver's ¶ 41.4

Summit † 43.8

Greenwood ‡ 44.6

Library of Congress

Welch 47.7

West Branch # † ‡ 52.6

Ogemaw(Springs) † ‡ 55.9

Beaver Lake # † ‡ 60.5

St. Helen † ‡ 64.6

Roscommon # † ‡ 76.9

Cheney (Pere Cheney P. O.) † ‡ 83.5

Grayling # † ‡ 92.0

Forrest (Frederickville P. O.) ‡ 100.7

Wright's Lake (Bradford Lake P.O) † ¶ ‡ 08.4

Otsego Lake # † ‡ 111.2

Bagley ¶ 114.8

Gaylord # † ‡ 118.7

Vanderbilt † ‡ 127.2

Wolverine † ‡ 37.9

Indian River † ‡ 147.9

Topinabee † ‡ 53.5

Library of Congress

Bushville ¶ 156.2

Mullet Lake ¶ ± 159.9

Cheboygan # † ± 165.7

Freedom ¶ 176.1

Mackinaw City.# † ± 182.0

Pinconning # † ±

Bowen's branch 35.0

Beaver Lake # † ±

Piper ± 6.0

Ambrose's 7.0

Sage's Lake 8.0

MICHIGAN MIDLAND AND CANADA DIVISION.

St. Clair # † ±

Adair ± 8.0

Ridgeway(Lenox)† ± 15.0

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SAGINAW DIVISION.

Jackson # † ±

Library of Congress

Van Horn ¶ 6.0

Rives Junc † ‡ 10.4

Leslie † ‡ 15.2

Eden † ‡ 20.3

Mason # † ‡ 24.5

Holt † ‡ 30.0

Lansing # † ‡ 36.6

North Lansing † 37.5

Chandler's ¶ 42.0

Bath † ‡ 44.7

Laingsburg † ‡ 51.8

Bennington † ‡ 8.1

Owosso Junc † 63.3

Owosso # † ‡ 63.6

Henderson ¶ ‡ 69.7

Oakley † ‡ 73.7

Chesaning † ‡ 77.7

Library of Congress

Fergus ¶ ± 82.1

St. Charles # † ± 85.5

Garfield (Eastwood)† ± 89.2

Swan Creek ¶ 91.7

Paines # † ± 95.0

Saginaw City # † ± 99.5

North Saginaw 101.0

F. & P. M. Junc † 01.7

Carrolton ¶ ± 02.9

Zilwaukee † ± 04.4

Brooks ¶ 110.9

Salzburg ¶ ± 11.8

West Bay City .# † ± 113.1

Bay City # † ± 114.2

SOUTH BEND DIVISION.

Niles # † ±

Main Street .7

Library of Congress

Bertrand ¶ ± 5.0

South Bend # † ± 11.1

SOUTH HAVEN DIVISION.

Kalamazoo # † ±

Brownell's ¶ 4.0

Hopkins 6.1

Alamo ± 9.1

Williams ¶ 11.3

Kendall † ± 4.8

Pine Grove 17.5

Goble's (Gobleville P. O.) † ± 8.5

Bloomingdale † ± 22.9

Berlamont ± 24.9

Columbia 27.7

Grand Junc † ± 29.2

Brown's Mills ¶ 30.2

Lacota † ± 31.9

Library of Congress

Kibbie ‡ 34.8

South Haven † ‡ 39.5

TOLEDO DIVISION.

Detroit # † ‡

Springwells 3.0

Woodmere ¶ ‡ 4.5

Ecorces † ‡ 9.0

Wyandotte # † ‡ 11.6

Sibley's ¶ 13.9

Trenton † ‡ 5.9

Sunnyside

Grosse Isle † ‡

Stony Island †

Slocum Junc † 7.0

Gibraltar ¶ ‡ 9.5

South Rockwood.† ‡ 22.6

Newport † ¶ ‡ 27.5

Library of Congress

Stony Creek ¶ 30.5

Frenchtown ¶ 33.9

Warner 34.2

Monroe # † ‡ 35.2

La Salle † ¶ ‡ 40.0

Vienna † 44.7

Toledo, O # † ‡ 59.3

MILWAUKEE & NORTHERN.

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Menominee # † ‡

Wis # † ‡ 187.2

MILWAUKEE, LAKE SHORE & WESTERN.

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Bessemer ‡

Library of Congress

Wakefield ¶ 4.5

Marenisco ¶ 22.8

Gogebic † 34.3

Watersmeet † ‡ 51.5

State Line † 60.1

Milwaukee, Wis 344.4

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Hancock § ‡

Swedetown ¶ 2.8

Franklin ¶ 3.5

Albany and Boston ¶ 5.9

Highway ¶ 8.1

Osceola ‡ 1.0

Torch Lake Junc ¶ 12.0

Calumet # § ‡ 12.5

ONTONAGON & BRULE RIVER.

Library of Congress

OFFICERS.— *President* , Ezra Rust , Saginaw; *Vice-President* , Angus Smith , Milwaukee; *Secretary and General Solicitor* , E. Mariner , Milwaukee; *Auditor* , John C. Spencer , Milwaukee; *Treasurer* , Guido Pfister , Milwaukee; *General Agent* , H. N. Smith , Ontonagen.

Ontagon † ‡

Rockland † ‡ 11.9

PAW PAW AND TOLEDO & SOUTH HAVEN.

OFFICERS.— *President* , F. B. Adams , Lawton, *Superintendent* , John Ihling , Lawton.

Lawton † ‡

Paw Paw † ‡ 4.1

Four Mile Lake † 8.1

Lawrence † ‡ 13.1

Hartford † ‡ 9.6

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Library of Congress

Pontiac # † ‡

Eames ¶ ‡ 5.9

Cole ¶ ‡ 8.9

Oxford # † ‡ 13.6

Shoup ¶ ‡ 18.0

Leonard ¶ ‡ 21.0

Dryden # † ‡ 27.0

Imlay City # † ‡ 33.0

Kings Mill † ‡ 42.5

North Branch # † ‡ 48.5

Clifford # † ‡ 54.6

Kingston # † ‡ 61.6

Wilmot ¶ ‡ 65.4

Deford ¶ ‡ 68.5

Cass City # † ‡ 74.4

Gagetown # † ‡ 80.0

Winsor ¶ 87.0

Library of Congress

Berne ¶ ± 93.0

Caseville # † ± 100.0

PORT HURON & NORTHWESTERN.

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ALMONT DIVISION.

Port Huron # † ±

Upton Works ¶ 1¾

Grand Trunk Jc † 3¾

Kimbal ¶ ± 8¾

Burns ¶ 10¾

Wales ¶ ± 14¼

Lamb ¶ ± 15¾

Memphis # † ± 19¾

Berville ¶ ± 25¾

Smith ¶ ± 29

Lyon's Road ¶ 31½

Library of Congress

Almont # † ‡ 34

EAST SAGINAW DIVISION.

Port Huron # † ‡

Thomas Street †

Gratiot Center ¶ 6

North Street ¶ ‡ 8

Kingsley (Atkins P. O.) # † ¶ ‡ 11

Saginaw Junc. (Zion P. O.) # † ‡ 12

Farr's (Fargo P. O.) ¶ ‡ 16¾

Green's Corners(Hartsuff P. O.) ¶ ‡ 19¾

Brockway Center# † ‡ 21½

Melvin # ¶ ‡ 29½

Yorks (Valley Centre P. O.) ¶ ‡ 32½

Brown City # † ‡ 36½

Index ¶ ‡ 39¾

Marlette # † ‡ 45¼

Clifford # † ‡ 50¼

Library of Congress

Silver Creek (Easy P. O.) ¶ ‡ 53

Mayville (May P. O.) # † ‡ 59

Juniata ¶ † ‡ 65¼

Vassar Junc 71

Vassar # † ‡ 72

Tuscola Station ¶ 75

Frankenmuth ¶ 82½

East Saginaw # † ‡ 91

SAND BEACH DIVISION.

Saginaw Junc # † ‡

Grant Center(Blaine P. O.) ¶ ‡ 2½

Jeddo ¶ ‡ 5

Amadore ¶ ‡ 8

Croswell # † ‡ 14

Odlam ¶ 16

Anderson (Applegate P. O.) ¶ ‡ 20

Pack's Mills ¶ 22

Library of Congress

Carsonville # † ‡ 25½

Wilbur Road (Bridgehampton P. O.) ¶ ‡ 29¼

Downing (ton) † ‡ 32¾

Deckerville # † ‡ 33¾

Cooley Road (Cedar Dale P. O.) ¶† 37¾

Palms (Station) # † ‡ 39¾

Minden (City) # † ‡ 44

Adams' Corners (Ruth P. O.) ¶† 47 ½

Sand Beach # † ‡ 58

PORT AUSTIN DIVISION.

Palms (Station) # † ‡

Tyre # ‡ 8

Ubly # ‡ 1

Wadsworth ¶ 14½

Bad Axe † ‡ 18¼

Filion ¶ ‡ 22¼

Dwight ¶ 25¾

Library of Congress

Port Austin # † ± 33¼

SAGINAW, TUSCOLA & HURON.

OFFICERS.— *President* , William L. Webber ; *Treasurer* , E. T. Judd ; *Auditor* , G. W. Ledlie ; *Superintendent* , M. B. Wilkinson . All at East Saginaw.

East Saginaw † ±

Greens ¶ 4.9

Arthur ¶ ± 9.3

Reese † ± 12.5

Gilford ¶ ± 6.9

Kintner ¶† 9.2

Fair grove † ± 21.7

Akron ¶ ± 24.8

Woodman ¶ 27.6

Unionville † ± 31.2

Sebewaing † ± 37.1

Bay Port Junc ¶ 44.8

Bay Port † ± 46.1

ST. HELEN, HOUGHTON LAKE & WESTERN.

Library of Congress

OFFICERS.— *Vice-President* , A. L. Stephens ; *Secretary and Treasurer* , H. Stephens , Jr.; *General Manager* , Z. C. Jessop ; *General Solicitor* , George W. Moore . All at Detroit.

Curtsville §

Leander § 2.0

Longbridge § 4.4

Williams Junc § 8.0

Fortesque § 10.2

Pine Ridge § 13.0

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ST. JOSEPH VALLEY.

OFFICERS.— *President* , William R. Rough , Buchanan; *Vice-President and Treasurer* , William Osborne , Buchanan; *General Manager* , B. Helmice , Buchanan; *Chief Engineer* , W. W. Graves , Buchanan; *Secretary and General Passenger Agent* , F. McComber , Berrien Springs; *General Freight Agent* , Solomon Rough , Buchanan.

Buchanan #

Including Township.

†

Railroad Shops ¶

Riverside ¶

Dunbur's ¶

Library of Congress

McCollum's ¶

Gray's ¶

Barley's ¶

Berrieu Springs # † ‡ 10.0

TOLEDO, ANN ARBOR & NORTH MICHIGAN.

OFFICERS.— *President and General Manager* , J. M. Ashley ; *Vice-President and Auditor* , D. M. Monjo ; *Treasurer* , B. F. Jervis ; *General Superintendent* , H W. Ashley ; *General Freight and Passenger Agent* , W. H. Bennett . All at Toledo.

Toledo, O # † ‡

Hawthorn (Willets P. O.) ¶ ‡ 8.0

Samaria ¶ ‡ 2.0

Lulu ¶ ‡ 7.0

Monroe Junction ¶ 9.0

Dundee ‡ 23.0

Azalia 27.0

Milan Junction 31.0

Milan ‡ 32.0

Nora ¶ ‡ 34.0

Library of Congress

Urania ¶ 37.0

Pittsfield 41.0

Ann Arbor 46.0

Leland 53.0

Worden 56.0

South Lyon 61.0

Owosso †

Carland 9.0

Elsie 4.0

Bannister 7.0

Ashley 22.0

Douglas ¶ 27.0

Ithaca 32.0

S. V. & St. L. Cross ¶ 38.0

St. Louis 40.0

WABASH, ST. LOUIS & PACIFIC.

OFFICERS.— *Receivers* , Solon Humphreys and Thomas E. Tutt ; *General Manager* , A. A. Talmage ; *Treasurer* , D. S. H. Smith ; *General Attorney and Solicitor* , W. H. Blodgett ;

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Auditor , D. B. Howard ; *General Traffic Manager* , James Smith ; *Chief Engineer* , W. S. Lincoln ; *General Freight Agent* , M. Knight ; *General Passenger and Ticket Agent* , F. Chandler ; *Purchasing Agent* , H. H. Wellman . All at St. Louis.

DETROIT DIVISION.

Detroit # † ‡

Delray † 3.8

Hand (Station) † ¶ ‡ 11.8

Romulus † ‡ 18.6

Belleville † ¶ ‡ 23.2

Willis (Newcomb P. O.) † ¶ ‡ 28.1

Whittaker ¶ ‡ 31.6

Milan † ‡ 36.8

Cone ‡ 41.6

Britton (Balch) † ¶ 46.4

Hollaway † ¶ ‡ 51.9

Raisin Center ‡ 54.2

Adrian † ‡ 58.2

Sand C'k(Thurber)† ¶ ‡ 65.0

Library of Congress

Seneca ¶ ‡ 69.6

North Morenci # † ‡ 72.6

North Fayette (Munson P. O.) † ‡ 79.0

Logansport, Ind # † ‡ 207.2

EXPRESS COMPANIES.

The American Express Company operates on the lines of all railroads in Michigan, with the exception of the Cincinnati, Wabash & Michigan, Grand Rapids & Indiana and Lake Shore & Michigan Southern (excepting Fort Wayne Branch), upon which the United States Express Company operates, the Wabash, St. Louis & Pacific, upon which the Pacific F. Express Company operates, and the Port Huron & Northwestern, which carries on its own express business.

MICHIGAN CITIES.

NAME OF CITY. POPULATION 1880 1884 Adrian 7,849 9,350 Alpena 6,153 9,210 Ann Arbor 8,061 7,922 Battle Creek 7,063 10,021 Bay City 20,693 29,415 Big Rapids 3,552 5,917 Cadillac 2,213 3,916 Charlotte 2,910 3,598 Coldwater 4,681 5,102 Corunna 1,501 1,451 Detroit 116,340 133,269 Dowagiac 2,100 2,351 East Saginaw 19,016 29,100 Eaton Rapids 1,785 2,131 Escanaba 3,026 4,339 Flint 8,409 9,035 Grand Haven 4,862 5,914 Grand Rapids 32,016 41,934 Greenville 3,144 3,084 Hastings 2,531 2,638 Hillsdale 3,441 3,550 Holland 2,620 2,972 Ionia 4,190 4,643 Ishpeming 6,039 6,843 Jackson 16,105 19,136 Kalamazoo 13,552 13,938 Lansing 8,319 9,779 Lapeer 2,911 2,897 Ludington 4,190 5,433 Manistee 6,930 10,373 Marquette 4,690 5,612 Marshall 3,795 4,081 Mason 1,809 1,882 Menominee 3,288 5,578 Monroe 4,930 5,216 Mt. Clemens 3,057 3,827 Muskegon 11,262 17,845 Negaunee 3,931 4,103 Niles 4,197 4,606 Owosso 2,501 3,873 Pontiac 4,509 5,348 Port Huron 8,883 10,390 Saginaw 10,525 13,767 St. Clair 1,923 2,031 St. Ignace 966 2,236 Stanton 1,760 1,740 West Bay City 6,397 9,492 Wyandotte 3,631 3,575 Ypsilanti 4,984 5,302 38

THE MICHIGAN PRESS

MICHIGAN PRESS ASSOCIATION.— *President* , Charles S. Hampton , Harbor Springs Independent; *Secretary* , Orno Strong , Nashville News. *Treasurer* , Fred. Slocum , Caro Advertiser.

Annual meeting for 1885 to be held at Traverse City.

PLACE. PAPER. Character Publication Days. Alcona County. Harrisville Alcona County Review Rep. Weekly. Friday. Allegan County. Allegan Democrat Dem. " Wednesday. Gazette Rep. Saturday. Journal and Tribune Rep. " Friday. Douglas Record Neutral " Thursday. Otsego Union Ind. " Friday. Plainwell Independent Pro. " Thursday. Leader Ind. " Thursday. Saugatuck Lake Shore Commercial Ind. " Friday. Wayland Globe Ind. " Thursday. Alpena County. Alpena Alpena County Pioneer Rep. " Saturday. Argus Dem. " Wednesday. Labor Journal G. B. Saturday. Antrim County. Bellaire Breeze Rep. " Thursday. Elk Rapids Progress Ind. " Friday. Mancelona Herald Rep. " Thursday. Arenac County. Standish Arenac Independent " Thursday. Baraga County. L'Anse Lake Superior Sentinel Rep. " Saturday. Barry County. Freeport Herald Ind. " Thursday. Hastings Banner Rep. " Thursday Barry Co. Democrat Dem. " Thursday. Home Journal G.B. " Thursday. Plaindealer Ind. " Tuesday. Middleville Republican Rep. " Friday. Nashville News Ind. " Friday. Bay County. Bay City Evening Press Ind. Daily. Ex. Sunday. Freie Presse (Ger.) Ind. Weekly. Thursday. Labor Vindicator Lab. " Friday. Le Courtier (Fr.) Dem. " Saturday. Le Patriote (Fr.) Dem. " Thursday. Lumberman's Gazette Lum. " Tuesday. Tribune Rep. D. & W. W'kly, Thurs. Benzie County. Frankfort Express Rep. Weekly. Thursday. Berrien County. Benton Harbor Expositor Dem. " Friday. Palladium Rep. " Friday. Berrien Springs. Era Rep. " Wednesday. Journal Dem. " Saturday. Buchanan Mich. Indpt. and Reporter G.B. " Thursday. Record Rep. " Thursday. Niles Democrat Dem. " Saturday. Mirror Fusion " Wednesday. Republican Rep. " Thursday. St. Joseph Republican Dem. " Saturday. Traveler and Herald Rep. " Friday. Three Oaks Sun Ind. " Thursday. Galien News Ind. Thursday. Watervliet Record Rep. " Thursday. Branch County. Bronson Independent Ind. " Friday. Journal Ind. " Saturday. Coldwater Courier Rep. " Saturday. Republican Rep. W. & S-W Weekly, Wed. Sun D.G.B. Weekly. Thursday. Church Helper Relig. Monthly Quincy Herald Rep. Weekly. Friday. Nat'l Newspaper Price List Lit. Monthly Union City Herald Pro. Semi-W. Tues and Fri. Register Rep. Weekly. Saturday. Calhoun County. Albion Mirror Dem. " Wednesday. Recorder Rep. " Thursday. Republican Rep. " Wednesday. Athens Times Ind. " Wednesday. 39 Battle Creek Good Health Hyg'ic.

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Monthly 1st. Journal Rep. D. & W. Weekly, Wed. Moon Ind. " Weekly, Sat. Review and Herald Relig. Weekly. Tuesday. Sabbath School Worker Relig. Quart'ly Saningens Harold (Swed.). Relig. Monthly 1st. Sandhedens Tidende (Dan.) Relig. Semi-M. 1st and 15th. Stimme der Warheit (Ger.) Relig. Monthly 4th. Sunday Morning Call Ind. Weekly. Sunday. Youth's Instructor Relig. " Friday. Homer Index G.B. " Thursday. Marshall Chronicle Ind. D. & W. Weekly, Sat. Democratic Expounder Dem. Weekly. Thursday. Statesman Rep. " Friday. Tekonsha News Rep. " Thursday. Cass County. Cassopolis National Democrat Dem. " Thursday. Vigilant Rep. " Thursday. Dowagiac Republican Rep. " Thursday. Times Dem. " Wednesday. Edwardsburg Argus Ind. " Thursday. Marcellus News Ind. " Thursday. Charlevoix County. Boyne City Statesman Rep. " Friday. Charlevoix. Journal Dem. " Wednesday. Sentinel Rep. " Tuesday. East Jordan Enterprise Rep. " Thursday. Cheboygan County. Cheboygan Democrat Dem. " Thursday. Northern Tribune Rep. " Thursday. Chippewa County. Sault Ste Marie. Chippewa Co. Democrat Dem. " Thursday. Chippewa County News Rep. " Saturday. Clare County. Clare Clare County Press Rep. " Thursday. Farwell Register Rep. " Saturday. Harrison Cleaver Rep. " Thursday. Standard D.G.B. " Wednesday. Clinton County. Elsie Leader Ind. " Friday. Sun Ind. " Friday. Maple Rapids Dispatch " Saturday. Ovid Register Dem. " Thursday. Clinton & Shiawassee Union Rep. " Friday. St. Johns Clinton Independent Dem. " Thursday. Republican Rep. " Thursday. Crawford County. Crawford Crawford Co. Avalanche Rep. " Thursday. Delta County. Escanaba Iron Port Rep. " Saturday. Eaton County. Bellevue Gazette Ind. " Thursday. Charlotte Leader Dem. " Thursday. Prohibitionist " Friday. Republican Rep. " Friday. Interior Magazine Monthly Eaton Rapids Journal Ind. R. Weekly. Friday. Times Dem. " Thursday. Grand Ledge Independent Ind. " Friday. Vermontville Hawk Rep. " Friday. Emmet County. Harbor Springs. Northern Independent G.B. " Tuesday. Republican Rep. " Wednesday. Petoskey Emmet County Democrat Dem. " Friday. Record Rep. " Wednesday. Genesee County. Clio Star Ind. " Friday. Fenton Genesee Courier Ind. " Saturday. Independent Rep. " Saturday. Flint Daily News Ind. Daily. Evening Journal Rep. " Deaf Mute Mirror Educa. Weekly. Friday. Genesee Democrat Dem. " Friday. Genesee Tribune Pro. " Thursday. Globe Rep. " Thursday. Journal Ind. " Friday. Labor News Echo Lab. " Friday. Sunday Democrat Dem. " Saturday. Wolverine Citizen Rep. " Saturday. 40 Flint Recorder Relig. Monthly Flushing Observer Ind. " Thursday. Linden Record Ind. " Thursday. Gladwin County. Gladwin Gladwin County Record Rep. " Thursday. Grand Traverse County. Fife Lake Comet Rep. " Tuesday. Traverse City Northwestern Farmer Ag'l. " Grand Traverse Herald Rep. Weekly. Thursday. Traverse Bay Eagle Dem. " Tuesday. Gratiot County. Alma Record Ind. " Saturday. Elm Hall Corner Local Ind. " Saturday. Ithaca Gratiot County Journal Rep. " Friday. St. Louis Herald

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G.B. " Friday. Leader Rep. " Wednesday. Republican Rep. " Thursday Hillsdale County. Hillsdale Business G.B. " Saturday. Democrat Dem. " Friday. Herald Coll'ge " Thursday. Leader Rep. " Thursday. Standard Rep. " Tuesday. Jonesville Gazette Ind. " Saturday. Independent Rep. " Thursday. Litchfield Gazette Rep. " Thursday. Reading Telephone Rep. " Friday. Houghton County. Calumet News Dem. " Saturday. Lake Linden Torch Lake Times Ind. " Tuesday. Hancock Portage Lake Herald Rep. " Wednesday. Houghton Portage L. Min'g Gazette Rep. " Thursday. Huron County. Bad Axe Democrat Dem. " Friday. Huron Tribune Rep. " Friday. Port Austin Huron County News Pro. " Friday. Sand Beach Huron County Times Rep. " Friday. Ingham County. Lansing Journal Dem. " Friday. Republican Rep. W. & T-W Weekly, Wed. Sentinel G. B. Weekly. Friday. Leslie Local Rep. " Friday. Mason Ingham County Democrat Dem. " Thursday. Ingham County News Rep. " Thursday. Stockbridge Sun Ind. " Friday. Williamston Enterprise Ind. " Wednesday. Ionia County. Belding Star Neutral. " Saturday. Hubbardston Advertiser Ind. " Thursday Ionia Evening Mail Ind. Daily. Except Sun. National G. B. Weekly. Friday. Sentinel Rep. " Wednesday. Standard Dem. " Friday. Lyons Herald Neutral. " Saturday. Pewarno Plaindealer Neutral. " Thursday. Portland Observer Neutral. " Wednesday. Saranac Local Ind. " Friday, Iosco County. Au Sable Lakeside Monitor Ind. " Friday. Saturday Night Rep. " Saturday. East Tawas Iosco County Gazette Rep. " Thursday Tawas City Tawas Herald Rep. " Friday. Isabella County. Mt. Pleasant Isabella Co. Enterprise Rep. " Wednesday. Northwestern Tribune Rep. " Wednesday. Times Rep. " Wednesday. Jackson County. Brooklyn Exponent Ind. " Wednesday. Concord Enterprise Neutral. " Thursday. Grass Lake News Ind. " Thursday. Hanover Times Neutral. " Saturday. Jackson Advertiser G.B. " Saturday. Citizen Rep. D. & W. Weekly, Tues. Evening Courier Neutral. Daily, Except Sun. Michigan Volksfreund (Ger) Neutral. Weekly. Friday. Patriot Dem. D. & W. Weekly, Wed. Saturday Evening Star Ind. Weekly. Saturday. Sunday Sentinel Neutral. " Saturday. Springport Signal Neutral. " Thursday. 41 Kalamazoo County. Augusta Review Ind. Weekly. Saturday. Galesburg Enterprise Ind. " Friday. Kalamazoo College Index Lit. Monthly 25th. Gazette Dem. D. & W. Weekly, Fri. National Era G. B. Weekly Saturday. Occident Lit. Monthly 20th. Telegraph Rep. D. & W. Weekly, Wed. Temperance, Order, Law Temp. Weekly. Thursday. Schoolcraft Express Ind. " Thursday. Grange Visitor Ag'l. Semi-M. 1st and 15th Vicksburg Commercial Ind. Weekly. Friday. Monitor Ind. " Friday. Kalkaska County. Kalkaska Kalkaskian Rep. " Friday. Leader Rep. " Thursday. Kent County. Caledonia Caledonian Ind. " Saturday. Cedar Springs Clipper Rep. " Wednesday Grand Rapids Agricultural World A'g'l. Semi-M Dawn of the Morning Relig. Monthly 1st. Democrat Dem. D. & W. Weekly, Tues. De Standard (Dutch) Dem. Semi-W. Tues. & Fri. Eagle Rep. D. & W. Weekly, Thur. Journal Liquor Weekly. Saturday. Germanin (Ger.)

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Ind. " Wednesday German American Ind. " Saturday. Leader Ind. D. & W. Weekly, Sat. Medical Counselor Med. Bi-Mo. Michigan Artisan Trade. Monthly Michigan Tradesman Trade. Weekly. Tuesday. Saturday Evening Post Temp. " Saturday. Saturday Review Trade. " School Moderator Educa. " Saturday. Sonntagsblatt (Ger.) Fam. " Saturday. Staats Zeitung (Ger.) Ind. " Thursday. Telegram Rep. Daily. Except Sun Times Ind. D. & W. Weekly, Sat Vrijheids Banier (Dutch) Rep. Weekly. Wednesday Wolverine Cyclone Ind. " Saturday. Kent City Herald Ind. " Wednesday. Lowell Dollar Weekly Journal Rep. " Wednesday. Rockford Register Ind. " Wednesday. Sparta Sentinel Rep. " Wednesday. Lake County. Baldwin Lake County Star Rep. " Friday. Chase Eclipse Rep. " Thursday. Luther Lance Rep. " Thursday. Lapeer County. Almont Herald Neutral. " Thursday. Imlay City Optic Neutral. " Friday. Lapeer Clarion Rep. " Thursday. Democrat Dem. " Wednesday. Metamora Bee Neutral. " Thursday. North Branch Gazette Rep. " Friday. Otter Lake Enterprise Rep. " Friday. Leelanaw County. Leelanaw Enterprise Rep. " Thursday. Lenawee County. Addison Courier Ind. " Friday. Adrian Press Dem. " Friday Record Ind. D. & W. Weekly Thur. Times Rep. " Weekly Fri. Blissfield Advance Ind. Weekly. Friday. Clinton Local Ind. " Thursday. Hudson Gazette Dem. " Friday. Post Rep. " Friday. Morenci Observer Ind. " Saturday. Tecumseh Herald Ind. " Thursday. News Ind. " Thursday. Livingston County. Brighton Argus Ind. " Wednesday. Citizen Ind. " Wednesday. Fowlerville Review Ind. " Wednesday. Howell Livingston Democrat Dem. " Wednesday. Livingston Republican Rep. " Wednesday. Pinkney Dispatch Ind. " Wednesday. Mackinac County. St. Ignace Free Press Dem. " Tuesday. 42 St. Ignace News Ind. Semi-W. Wed. and Sat. Republican Rep. Weekly. Saturday. Macomb County. Armada Artisan Ind. " Saturday. Memphis Tribune I. Rep. " Thursday. Mr. Clemens Monitor Rep. " Friday. Press Dem. " Thursday. Republican Rep. " Richmond Review Ind. " Thursday. Romeo Hydrant Dem. " Saturday. Observer Rep. " Wednesday. Utica Sentinel Ind. " Saturday. Manistee Country. Manistee Advocate Dem. " Saturday. Democrat Dem. " Saturday. Standard G. B. L. " Saturday. Times Rep. " Thursday. Marquette County. Ishpeming Iron Agitator Min. " Saturday. Peninsula Record Ind. " Friday. Marquette Der Wanderer L Sup'r. Ind. " Wednesday. Mining Journal Min. D. & W. Weekly, Sat. Negaunee Iron Herald Rep. Weekly. Thursday. Mason County. Ludington Appeal Neutral. " Thursday. Democrat Dem. " Saturday. Record Rep. " Thursday. Catholic Family Reader Relig. Semi-W. 1st and 15th. Scottville Mason Centre Advocate Ind. Weekly. Thursday. Mecosta County. Big Rapids Current Rep. " Wednesday Herald Dem. " Friday. Pioneer Rep. D. & W. Weekly, Thur. Menominee County. Iron Mountain Menominee Range Rep. Weekly. Thursday. Menominee Herald Rep. " Saturday. Midland County. Coleman Advocate Rep. " Saturday. Midland Republican Rep. " Thursday. Sun Rep. " Thursday. Missaukee County. Lake

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City New Era Ind. " Tuesday. Monroe County. Dundee Reporter Ind. " Saturday. Monroe Commercial Rep. D. & W. Weekly, Fri. Democrat Dem. Weekly. Thursday. Petersburg Bulletin Ind. " Friday. Journal Ind. " Friday. Montcalm County. Carson City Bee Rep. " Friday. Edmore Journal Rep. " Thursday. Greenville Call Ind. Daily Democrat Dem. Weekly. Thursday. Independent Rep. " Thursday. Howard City Record Rep. " Wednesday. Lakeview Enterprise Rep. " Thursday. Sheridan News Ind. " Friday. Stanton Clipper Ind. " Friday. Herald Rep. " Saturday. Montmorency County. Hillman Montmorency Co. Index Ind. " Tuesday. Muskegon County. Montague Lumberman Dem. " Saturday. Muskegon Chronicle Rep. D. & W. Weekly, Fri. LeMessagier (French) Weekly Morning News Dem. Daily. News and Reporter Dem. Semi-W. Wed. and Sat. Social Drift Ind. Weekly. Sunday. Workingman's Journal Daily. Whitehall Forum Rep. Weekly. Thursday. Newaygo County. Fremont Indicator Rep. " Thursday. Hesperia News Ind. " Thursday. Newaygo Republican Rep. " Wednesday. Tribune G. B. " Wednesday. Oakland County. Birmingham Eccentric Ind. " Thursday. Holly Oakland Co. Advertiser Ind. " Saturday. Milford Review Ind. " Friday. 43 Milford Times Ind. Weekly. Saturday. Orchard Lake Academy News Neutral. Monthly Orion Review Ind. Weekly. Thursday. Oxford Globe Ind. " Saturday. Pontiac Bill Poster Dem. " Wednesday. Gazette Rep. " Friday. Rochester Era Ind. " Thursday. South Lyon Excelsior Ind. " Friday Picket Ind. " Wednesday. Oceana County. Hart Argus Pro. " Wednesday. Journal Rep. " Thursday. Sword of the Spirit Ind. " Tuesday. Pentwater News Rep. " Thursday. Shelby Enterprise Dem. " Tuesday. Independent Rep. " Saturday. Ogemaw County. West Branch Herald Rep. " Friday. Times Rep. " Thursday. Ontonagon County. Bessemer Gogebic Explorer Rep. " Saturday. Ontonagon Herald Rep. " Saturday. Miner Rep. " Saturday. Osceola County. Evart Osceola Democrat Dem. " Saturday. Review Rep. " Friday. Hersey Osceola Outline Rep. " Friday. Leroy Independent Ind. " Saturday. Reed City Clarion Rep. " Friday. Union Banner Pro. " Saturday. Tustin Echo Ind. " Wednesday. Oscoda County. Mioe Northern Mail Rep. " Thursday. Otsego County. Elmira Gazette Rep. " Thursday. Gaylord Otsego County Herald Rep. " Friday, Otsego Co. Independent Ind. " Tuesday. Vanderbilt Review Rep. " Thursday. Ottawa County. Coopersville Times Ind. " Wednesday. Grand Haven Courier Journal Rep. " Saturday. Herald Rep. " Friday. News Journal G. B. " Wednesday. Holland De Grondewet (Dutch) Rep. " Wednesday. De Hollander (Dutch) Dem. " Wednesday. De Hope (Dutch) Relig. " Wednesday. Holland City News Dem. " Wednesday. News Ind. " Saturday. Presque Isle County. Rogers City Presque Isle Advance Rep. " Thursday. Roscommon County. Roscommon News Rep. " Friday. Pioneer Rep. " Friday. Saginaw County. Chesaning Argus Ind. " Friday. East Saginaw Courier Ind. D. & W. Weekly, Thur. Evening News Ind. Daily. Herald Rep. D. & W. Weekly, Thur. Saginaw Advertiser Semi-

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M Sonntagsblatt Ind. Weekly Sunday. Zeitung Ind. " Thursday. Saginaw City Saginawian Dem. " Saturday. Times Rep. Daily Valley News Ind. Weekly. Thursday. St. Charles Independence Ind. " Thursday. Sanilac County. Croswell Democrat Dem. " Friday. Lexington Sanilac Jeffersonian Rep. " Friday. Marlette Leader Rep. " Saturday. Minden Post Ind. " Saturday. Port Sanilac Sanilac Reporter Ind. " Saturday. Schoolcraft County. Manistique News Ind. " Saturday. Pioneer Rep. Semi-W. Wed. and Sat. Shiawassee County. Bancroft Advertise Ind. Weekly. Thursday. Corunna Independent Ind. " Friday. Journal Rep. " Thursday. Laingsburg News Ind. " Friday. 44 Owosso News Ind. Weekly. Saturday. Press Dem. " Wednesday. Shiawassee American Ind. " Friday. Times Rep. " Friday. Vernon Inter Lake Neutral. " Friday. St. Clair County. Brockway Centre Expositor Neutral. " Thursday. Capac Argus Rep. " Fort Gratiot Sun Rep. " Saturday. Marine City Reporter Rep. " Thursday. Port Huron Bee Hive Sec. So Monthly Commercial Dem. Weekly. Sunday. Mail G. B. " Thursday. Telegraph Dem. D. & W. Weekly, Sun. Times Rep. " Weekly, Sat. Tribune Ind. Weekly. Thursday. St. Clair Republican Rep. " Thursday. St. Joseph County. Burr Oak Acorn Ind. " Saturday. Gazette Rep. " Saturday. Times Rep. " Thursday. Centreville Courier Pro. " Saturday. Crusader G. B. " Saturday. Republican Rep. " Saturday. Colon Enterprise Rep. " Saturday. Constantine Advertiser Rep. " Wednesday. Mendon Empire Ind. " Friday. Globe Ind. " Friday. Tribune Rep. " Saturday. Sturgis Journal Rep. " Thursday. Michigan Democrat Dem. " Wednesday. Zeitung (Ger.) Ind. " Friday. Three Rivers Herald Dem. " Saturday. News Reporter G. B. " Saturday. Tribune Rep. " Friday. White Pigeon Journal Ind. " Saturday. Tuscola County. Caro Jeffersonian Dem. " Friday. Tuscola Co. Advertiser Rep. " Saturday. Case City Enterprise Ind. " Thursday. Mayville Monitor Ind. " Saturday. Unionville Sun Ind. " Saturday. Vassar Pioneer Rep. " Friday. Times Ind. " Thursday. Van Buren County. Bangor Reflector Rep. " Friday. West Michigan Advance Rep. " Thursday. Bloomingdale Leader Ind. " Friday. Decatur Republican Rep. " Wednesday. Gobleville Herald Ind. " Thursday. Hartford Day Spring Rep. " Friday. Paw Paw Free Press and Courier Dem. " Wednesday. Herald G. B. " Friday. True Northerner Rep. " Thursday. South Haven Messenger Rep. " Thursday. Sentinel Rep. " Friday. Washtenaw County. Ann Arbor Argus Dem. " Friday. Chronicle Coll'ge Bi-Wkly Courier Rep. Weekly. Wednesday. Democrat Dem. " Friday. Medical Advance Med. Monthly Michigan Argonaut Coll'ge Weekly. Saturday. Microscope Sci. Monthly Physician and Surgeon Med. Register Rep. Weekly. Thursday. Washtenaw Journal Ind. " Friday. Washtenaw Post Ind. " Thursday. Chelsea Herald Ind. " Thursday. Dexter Leader Neutral. " Thursday. Manchester Enterprise Ind. " Thursday. Milan Journal Ind. " Thursday. Leader Ind. " Friday. Saline Observer Ind. " Thursday. Ypsilanti Commercial Pro. " Saturday. Sentinel Dem. " Wednesday. Ypsilantian Rep. " Thursday. Wayne County. Detroit Abend

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Post (Ger.) Rep. Daily. 45 Detroit Free Press Dem. D. & W. Weekly, Wed. Hotel & R. R. Advertiser Advt. Daily. Journal Ind. " Mich. Volksblatt (Ger.) Dem. D. & W. Weekly, Wed. News Ind. " Weekly, Sun. Post Rep. " Weekly, Thur. Times Ind. Daily. Commercial Trade. Weekly. Saturday. Commercial Advertiser Fam. " Friday. Die Stimmeder Warheit (G.) Relig. " Thursday. Echo Ind. " Wednesday. Every Saturday Soci. " Saturday. Familien Blaetter (Ger.) " Wednesday. Index Com. " Monday. Michigan Catholic Relig. " Saturday. Mich. Christian Advocate. Relig. " Thursday. Michigan Farmer Ag'l. " Tuesday. Mich. Jour. & Herald (G.) " Wednesday. Mich. Volks Zeitung (G.) " Saturday. Plaindealer Col'd. " Saturday. Public Leader Trade. " Wednesday. Veteran G.A.R. " Wayne County Courier Ind. " Friday. Medical Age Med. Semi-M. Amphion Mus. Monthly Indicator Ins. " Lancet Med. " Michigan Herald Sec. So. " Perin's Stenographer Sten. " Therapeutic Gazette Med. " Western Land Guide R. Est. " West'n Mnfr. & Inventor Pat. " Leonard's Medical Jour Med. Quart'ly. Northville Record Ind. Weekly. Friday. Springwells Call Ind. " Wayne Wayne County Review Ind. " Friday. Wyandotte Herald Ind. " Friday. Wexford County. Cadillac News Rep. " Thursday. Times Ind. " Friday. Wexford County Citizen Ind. " Saturday. Manton Tribune Rep. " Friday. Sherman Wexford County Pioneer Rep. " Thursday.

SYNOPSIS OF THE FISH AND GAME LAWS OF MICHIGAN.

Speckled Trout—Are *protected* from September 1st to May 1st next following; and

Grayling—Are *protected* from November 1st to June 1st next following. No person shall take them from any of the waters of this State between the dates mentioned, neither may such fish be caught in any way nor at any time except by *angling*.

(Bass, Perch and other varieties may be taken at any time.)

The following game are *protected* during the periods covered by the dates given.

Deer—Lower Peninsula: December 1st to October 1st next following. Upper Peninsula: November 15th to August 15th next following.

Fawns, when in spotted coat, and Deer, when in red coat, must not be killed at any time.

Deer must not be killed at any time while in the waters of any stream, pond or lake.

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Wild Turkey—January 1st to October 1st.

Partridge or Ruffed Grouse, Wood Duck, Teal Duck, Mallard Duck and Gray Duck—January 1st to September 1st.

Pinnated Grouse or Prairie Chicken—November 1st to September 1st.

Quail—January 1st to November 1st.

Snipe—May 1st to September 1st.

Woodcock—January 1st to August 1st.

Wild Pigeons—No firearms may be used against Wild Pigeons within five miles, and no trap snare net or other means within two miles of their nesting-places, at any time from the beginning until the last hatching of such nesting.

Insectivorous Birds must not be killed or taken, nor nests molested at any time.

No trap, snare or net, not punt or swivel gun, can be birds named, nor must they be molested while on their nestings.

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THE STATE OF MICHIGAN

GEOGRAPHICAL.

Near the center of the North American continent, with its two peninsulas embraced by the great inland seas of Huron, Michigan and Superior, is one of the fairest of our sisterhood of States. Young as she is, she has already outstripped most of her older sisters in the race of mental and material advancement and her history is full of the romance of early struggles for existence, of poverty and toil and warfare, of marvelous development of

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natural resources and the rapid acquisition of wealth and prosperity by the industrious application of the arts and sciences of modern civilization. Her domain is a truly imperial one of 58,915 square miles—larger than England and Wales and nearly as large as the New England States combined, lying in the same latitude as France, Switzerland and Austria.

Michigan consists of two irregular peninsulas, separated by the Strait of Mackinaw, four miles wide, through which the waters of Lake Michigan empty into Lake Huron. The Lower Peninsula, having its base at the south, is 277 miles in length and 259 miles in greatest width, and is partially surrounded by Lakes Michigan, Huron, St. Clair and Erie, and St. Clair and Detroit Rivers..Near the northern part of Lake Michigan the shore line is deeply indented by Great and Little Traverse Bays and nearly opposite on Lake Huron by Thunder Bay and by Saginaw Bay farther south. The soil is luxuriantly fertile, except in the northern part, and the surface generally level, though in the southern part there is an irregular cluster of hills from 30 to 200 feet high, and nearer the eastern than the western shore a low water-shed extends northward, culminating rather ruggedly in elevations of some 700 feet. The shores on both sides are in many places steep and elevated and on Lake Michigan especially are numerous, bluffs and sand-hills from 100 to 200 feet in height. It is composed, geologically, wholly of the Devonian and lower-carboniferous series of rocks except in the central portion, which is occupied by the coal measures and the perme-carboniferous series. The extensive pineries are all on the Lower Peninsula, and, though rapidly disappearing, it is estimated that nearly 30,000 million feet are still standing.

The Upper Peninsula has its base near the western extremity of Lake Superior, and is 318 miles in length by from 80 to 164 miles in width. It comprises the counties of Baraga, Chippewa, Delta, Houghton, Keweenaw, Mackinac, Marquette, Menominee, Ontonagon and Schoolcraft, embracing about two-fifths of the area of the State and one-fifteenth of its population, The Lake Superior shore at first trends northeast for some 160 miles to Keweenaw point, along peninsula running out into the lake and partly enclosing Keweenaw Bay east of it; thence it undulates regularly to Whitefish Point where

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it bends sharply south and then east, enclosing with the Canada shore the deep basin of Tequamenon Bay, from which St. Mary's strait flows into Lake Huron. The Huron shore westward to Mackinaw strait is broken and islet-bordered. The northern shore-line of Lake Michigan is irregular westward to Green Bay which opens at its northwest corner and the greater part of which belongs to Michigan. It presents more rugged and picturesque features than the Lower Peninsula as a result of its geological formation, composed of four of the oldest series of rocks, the lower Silurian, the copper-bearing rocks, the Huronian or iron-bearing series, and the Laurentian series. A noted feature of the latter is the sandstone stone bluff, thirty miles west of Sault Ste. Marie, known as Pictured Rocks, variously colored and worn by the waters into grotesque forms resembling castles, temples, arches colonades, etc., presenting indeed a gorgeous appearance from the steamer's deck. For about twelve miles these rocks rise to a height of 200 to 300 feet. East of Marquette the watershed does not exceed an elevation of 400 feet, and the Peninsula is covered with forests mostly of soft woods. West of that meridian are irregular mountain ranges mostly trending east-northeast and west-southwest, with intervening lakes and swamps, and attaining a height of 1,400 feet above Lake Superior. The soil of the Upper Peninsula is comparatively sterile but its western portion contains most of the mineral wealth of the State.

Land and water are well distributed in Michigan, the latter not only enhancing the beauty of the scenery but also materially modifying the climate. Besides the great lakes which give the State a shore line of 1,620 miles, exclusive of the bays, there are more than 5,000 smaller lakes having an aggregate area of 712,864 acres. Among the most important are Manistique, Agogebic, Torch and Michigamme in the Upper Peninsula, and Houghton, Higgins, Hubbard, Mullet, Burt's and Grand Lakes in the Lower Peninsula. A chain of connecting lakes entered from Grand Traverse Bay is navigable for eighty miles. The State has 179 islands exceeding an acre in extent. and having a total area of 405 square miles. Royale and Grand in Lake Superior; Marquette, Mackinac and Bols Blanc in Lake Huron, and the Beaver, Fox and Manitou groups in the northern part of Lake Michigan,

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are the principal ones. The chief rivers are the Ontonagon and Tequamenon, flowing into Lake Superior; the Cheboygan, Au Sable and Saginaw falling into Lake Huron; and the St. Joseph, Muskegon, Manistee, Grand reverse and Oscanaoa which empty into Lake Michigan.

HISTORICAL.

Early in the seventeenth century the hardy and adventurous French voyagers and Jesuit missionaries coasted her shores and trod the solitude of her primeval forests, and over her for a hundred and fifty years France, through Canadian governors. claimed the right of eminent domain. It was not, however, until Pere Jaques Marquette founded in 1668 his mission at Saulte Ste. Marie that a white settlement was actually made upon her soil, though for untold centuries the Indians and their predecessors, whom we call the Mound-Builders, had peopled her forest glades. On the 24th of July, 1701, La Motte Cadillac founded Detroit, and colonization and civil government began. With Canada it was surrendered to England in September, 1760, and the expulsion of the French was the signal for Pontiac's war of extermination against the whites, lasting for several years and rendered memorable by the siege of Detroit and the massacre of the little garrison of Fort Michillimackinac. The English hauled down their red-cross banner on the 1st of July, 1796, and Michigan, still an unbroken wilderness, save at Detroit and Mackinac, became a part of the Northwest Territory of the United States. In 1800 the Northwest Territory was divided, the north and south dividing line running a few miles west of Mackinac and the eastern part becoming Indiana Territory. Two years later Ohio was admitted into the Union as a State and all of Michigan became part of Indiana Territory and so remained until July 11, 1805, when the Territory of Michigan was created, with Detroit as its seat of government.

The Territory of Michigan, according to the organic act, consisted of the region lying between Lake Michigan on the west and the British possessions on the east and north and extended as far south as a line drawn eastward from the southern point of Lake Michigan

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to Lake Erie. In 1816 a strip ten miles wide was given up to Indiana. Two years later the Territory was reorganized and made to embrace all of the present States of Michigan and Wisconsin, that part of Minnesota lying east of the Mississippi and a strip of land six miles wide now included in Ohio. In 1834 her western boundary was extended to the Missouri and White Earth rivers and included all of the present States of Minnesota and Iowa and a large part of Dakota. In 1835 she knocked at the doors of the Union with a Constitution which was accepted by Congress on the 15th of June, 1836, on condition that she acceded to the claims of Ohio upon the strip of land above mentioned. A bitter controversy had raged for thirty years upon this subject and the condition was rejected by the first convention but finally accepted by a second, and on the 26th of July, 1837, Michigan, with her present boundaries, was formally, by act of Congress, declared one of the United States.

In the meantime the second war with Great Britain had been fought and the infant Territory had suffered severely. Brig. Gen. William Hull, then Governor of the Territory, invaded Canada, but was obliged to fall back to Detroit, and upon the arrival of Gen. Brock surrendered to him, August 16, 1812, the city and Territory as well as his little army. The British captured Mackinac and Frenchtown and with their Indian allies overran and devastated the country generally. They were finally expelled by Gen. Harrison and a treaty made with the Indians in 1814. In the same year Hull was courtmartialed at Albany for his surrender of Detroit and sentenced to be shot, but in consideration of his distinguished Revolutionary services, as well as his advanced age, the sentence was remitted. While still a Territory, the Indian title to the southern peninsula, and to a great part of the upper peninsula, was extinguished by various treaties and the lands peacefully thrown open to white settlers.

When Michigan was admitted to the Union as the thirteenth State since the adoption of the Constitution, with Lucius Lyon and John Norvell for her Senators and Isaac E. Crary for her single Representative, she had a white population of 174,061, an increase of nearly 100 per cent. in three years. Wexford, with 23,400, was then the most populous county.

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Wayne county, including Detroit, had less than 22,000 inhabitants and Kent but 2,022. Ingham and Saginaw had each less than 1,000 and Bay was still unorganized. Next to Wexford and Wayne, the counties of Oakland, Lenawee and Monroe had the largest population and none others reached 10,000. The immigration was chiefly from the State of New York though many came from New England and from Ohio, and almost all by sailing vessels on Lake Erie. Agriculture was then almost the sole pursuit. Manufactures were in their infancy and traders were few. There was no mining and no market for the timber felled by the pioneer in his clearing. The reports of the first surveyors sent to the Territory were extremely unfavorable and retarded its settlement for many years. The soil was represented as marshy, barren and worthless, and the climate as very harsh and unhealthy. The experience of the early settlers however particularly when the rich low-grounds began to be drained and reclaimed, produced, though slowly, a better impression, and after the first quarter of the century immigration became more rapid. From 1820 to 1830 the population increased 261 per cent. and in the next decade 571 per cent.

The construction of railroads, which began in 1836, vastly increased the facilities for travel and transportation and gave a great impetus to immigration and settlement but also to trade, commerce, agriculture and manufactures. By 1840 the tide of settlement had swept entirely across the lower peninsula and extended as far north as the Saginaw River. Besides Detroit Grand Haven and Lansing appeared on the map, and a little colony held the outpost at the Straits of Mackinaw. With the increase of population in the interior grew the demand for a more central location of the seat of government and by legislative act of March 16, 1847, the capital was removed from Detroit to Lansing. In 1850 was adopted a new Constitution, which, with subsequent amendments is still in force. For the first time the census maps this year showed the towns of Grand Rapids, Kalamazoo, Ann Arbor, Saginaw and Port Huron. The limits of settlement had not materially enlarged but within them population had become more dense.

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The next decade marked a still greater increase, not only in population, but still more in wealth and the diversification of industry. The population had risen to three quarters of a million, an increase of 88.3 per cent. since 1850. In rank of population she had risen from the twenty-sixth to the sixteenth State in the Union. She produced an average of more than nineteen bushels of wheat to the acre and was beginning to be known as the great winter-wheat State. It was discovered that the climate of the Lake Michigan slope of the Lower Peninsula was peculiarly favorable to fruit-raising and the product of her rapidly increasing orchards and vineyards surprised the Eastern horticulturist. The lathe, the loom and the hammer were heard in her busy, thriving cities. Her commerce whitened the great inland seas. New industries had been developed by the demand for her unequalled supplies of timber, and by the discovery and development of the coal, salt and plaster deposits of the lower peninsula and the marvelously pure iron and copper of the upper peninsula. Michigan had ceased to be purely agricultural and had become also a great manufacturing, mining and commercial State.

Politically, Michigan was carried by the Democrats down to 1852, save in the famous Log-Cabin campaign of 1840, when she gratefully remembered the services of General Harrison in her behalf and gave him her electoral vote. Her support of Polk in 1844 was emphasized three years later by her contribution of eleven companies of volunteer infantry, a company of regular dragoons and three companies of regular infantry to the United States army during the Mexican war, in which they distinguished themselves by faithful, efficient and gallant services. The progress of anti-slavery sentiment was, however, steady and rapidly crystallized during the Kansas struggle of 1854–56. In the latter year she gave 20,000 majority for Fremont and has ever since cast her electoral votes for the Republican presidential candidates. When the struggle came for the preservation and supremacy of the national Union, she was full of enthusiastic, unwavering loyalty. Austin Blair was then Governor, Zachariah Chandler and Jacob M. Howard her Senators, and Fernando C. Beamen, Bradley F. Granger, Francis W. Kellogg and Powland E. Trowbridge her Representatives. She turned her wealth into sacrificial

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gold and her harvest fields, her mines and her forests yielded armed men. The State and the counties, cities and townships paid out for bounties, premiums, relief of soldiers' families and other war purposes, \$16,548.992. She contributed to the United States armies during the war 90,747 men, of whom 358 officers and 14,497 enlisted men were killed in battle or died of wounds or disease. As a State she was but twenty-four years of age and her population was only three-quarters of a million, but through four years of war she played an important part both in the cabinet and the field.

CROP STATISTICS.

CHIEF PRODUCTS. Quantity Produced. Acres in Each Crop. Average per acre. Value per bu., lb., or ton. Value per acre. Total Valuation. 1882. Indian Corn bus. 28,581,600 929,760 30.7 \$.59 \$18.11 \$16,863,144 Wheat " 32,315,400 1,985,000 16.3 .90 14.67 29,083,860 Rye " 273,710 21,917 12.5 .65 8.12 177,911 Oats " 18,237,570 574,704 31.7 .37 11.73 6,747,901 Barley " 1,348,920 54,075 24.9 .75 18.67 1,011,690 Buckwheat " 510,120 33,166 15.4 .67 10.32 341,780 Potatoes " 12,364,102 138,168 89.5 .43 38.48 5,316,564 Tobacco lbs 92,091 181 509.0 .13 66.17 11,972 Hay tons. 1,456,613 1,243,591 1.17 11.75 13.75 17,115,203 Total 4,980,562 \$15.39 \$76,670,025 1883 Indian Corn bus. 21,412,300 911,165 23.5 \$.52 \$12.22 \$11,134,396 Wheat " 25,011,000 1,786,500 14.0 .96 13.44 24,010,560 Rye " 221,705 22,355 9.9 .62 6.14 137,457 Oats " 20 061,300 580,451 34.6 .35 12.11 7,021,455 Barley " 1,079,136 51,371 21.0 .65 13.65 701,438 Buckwheat " 244,858 32,834 7.5 .86 6.45 210,578 Potatoes " 11,811,979 142,313 83.0 .41 34.03 4,842,911 Tobacco lbs Hay tons. 1,767,641 1,280,899 1.38 9.30 12.83 16,439,061 Total 4,807,888 \$13.41 \$64,497,856

The season of 1883 was in many respects a peculiarly unfortunate one. The frosts of September were particularly disastrous and played such havoc with the corn crop that but 3,851,214 bushels was merchantable at an average value of 60 cents, while 17,558,086 bushels was rated unmerchantable at an average valuation of but 29 cents. Ninety per cent. of the whole was retained for consumption in the county where raised.

FARM ANIMALS.

JANUARY 1, 1884. Number. Average Value. Total Value. Horses 408,005 \$ 85.33 \$34,815,067 Mules 5,606 103.90 582,463 Milch Cows 404,078 36.44 17,424,602 Oxen

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and other Cattle 491,792 27.99 13,765,258 Sheep 2,412,422 3.01 7,261,390 Hogs
840,766 6.10 5,128,673 49

MACKINAC ISLAND. Excepting only the almost inaccessible Yellowstone Park, there is no spot in all the new world that more nearly unites in itself all the glories and beauties and advantages that constitute a perfect tourists' paradise. Rising grandly from the mighty channel, in which the waters of earth's three greatest unsalted oceans—Superior, Huron and Michigan—meet and blend in eternal billowy harmony, Mackinac Island is nearly nine miles in circumference, and towers at its highest point over three hundred feet above the waves that lave its snowy feet. The United States government has, with a just appreciation of its wonderful attractions, reserved the greater part of the island for a National Park, as it has the famous Yellowstone region. The island was a rendezvous of the daring French voyagers and adventurers before the Pilgrims landed on Plymouth Rock. Here occurred many wild and thrilling incidents in the lives of Marquette, Hennepin, Nicollet and La Salle. On these beautiful shores they mustered their heroic bands for the discovery of the Mississippi; and over at Point St. Ignatius, in plain view, Marquette was escorted to his burial-place by a hundred canoes of plumed and painted warriors, in 1677. Just across, on the lower peninsula, stood old Fort Michillimackinac, the scene of Pontiac's terrible massacre of the whites, in 1763. On this Island were fought two battles of the war of 1812; and here, for forty years, were the headquarters of the American Fur Company, of which John Jacob Astor was President. Here Schoolcraft, who was Indian agent on the island, wrote his celebrated *History of the North American Indians* and *The Legend of Hiawatha*, which Longfellow, who visited Schoolcraft here, afterward expanded into a poem. Three nags have waved over this island domain. France held it with her Huron allies, from 1610 to 1761, when it was surrendered to Great Britain. It was yielded to the United States in 1796, retaken by the British in 1812, and again relinquished to the United States under the treaty of Ghent. The whole region abounds in historic, legendary and poetic memories and associations, a compilation of which has been made by Lieutenant D. H. Kelton, U. S. A., in a little volume entitled *Annals of Fort Mackinac*. To condense from Colonel Donan's brilliant summary, in his charming and elegant little book: The whole island is a labyrinthine

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tangle of miniature mountains, wild precipices, overhanging cliffs and crags, yawning caverns, strange rocky formations like the weird spires of the Yosemite and Yellowstone, tall, finger-like pillars of stone, hundreds of feet high, cataracts of dizzy height, leaping from perpendicular walls of gray and moss-grown rock far out into the lake below; shelving beaches of snow-white sand and gravel, hard and smooth as a ball-room floor, on which one can ride or drive or stroll for miles at a stretch, with the never-ceasing melody of plashing waters; occasional views of storm-lashed billows, rivaling in the grandeur of their savagery the ocean at its maddest; a fort, dating back through more than a century of war and romance, cannon looking out through high embrasures over the liquid highway they are to guard, grass-bordered parade grounds, troops of gilt-tinseled young officers who have learned the last waltz or galop step on the Hudson, a fine military band, two battle-fields of the war of 1812; a burial-ground, where the heroic dead in blue coats and red coats, in wampum and paint and eagles' feathers, were laid away to await the last great *reveille*, old Jesuit churches and mission houses, ancient ruins, history, poetry, legend, glorious boating and bathing, six-pound brook trout, Indian villages and birch-bark canoes, bass, pickerel, muskallonge, forty-pound whitefish, silver moonlight glinting on silver floods; mighty steamships with their trails of smoke, moving like stately monarchs of the waves, and fleets of tiny white-sailed yachts and pleasure-boats darting hither and thither, and, around and over all, like an upper and a lower canopy, the boundless drapery of blue water and blue sky melting into one along the far-off horizon line where heaven and earth seem to meet and kiss each other. Every spot upon the island possesses some peculiar interest and every turn reveals some glorious panoramic view.

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POPULATION OF MICHIGAN.

COUNTIES. 1860. 1870. 1880. 1884. Native. Foreign. Total. Alcona 185 696 1,633 B 1,474 3,107 4,038 Allegan 16,087 32,105 31,796 H 6,019 37,815 38,668 Alpena 290 2,756 4,205 B 4,584 8,789 12,684 Antrim 179 1,985 3,607 B 1,630 5,237 8,762 Arenac 4,028 Baraga 1,238 B 566 1,804 3,039 Barry 13,858 22,199 22,987 B 2,330 25,317 24,104 Bay 3,164 15,900 21,720 B 16,361 38,081 51,224 Benzie 2,184 2,763 B 670 3,433

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4,389 Berrien 22,378 35,104 31,961 G 4,824 36,785 37,784 Branch 20,981 26,226 26,133
E 1,808 27,941 27,664 Calhoun 29,564 36,569 34,366 G 4,086 38,452 41,599 Cass
17,721 21,094 20,629 G 1,380 22,009 21,205 Charlevoix 1,724 3,791 B 1,324 5,115 9,276
Cheboygan 517 2,196 4,010 B 2,514 6,524 9,947 Chippewa 1,603 1,689 2,152 B 3,096
5,248 8,422 Clare 366 2,818 B 1,369 4,187 5,549 Clinton 13,916 22,845 24,869 G 3,231
28,100 27,136 Crawford 936 B 223 1,159 2,389 Delta 1,172 2,542 3,707 B 3,105 6,812
9,992 Eaton 16,476 25,171 29,281 B 1,944 31,225 31,809 Emmet 1,149 1,211 5,466 B
1,173 6,639 7,944 Genesee 22,498 33,900 33,242 B 5,978 39,220 38,782 Gladwin 14
624 B 503 1,127 1,539 Grand Traverse 1,286 4,443 6,591 B 1,831 8,422 12,092 Gratiot
4,042 11,810 19,545 B 2,391 21,936 25,053 Hillsdale 25,675 31,684 30,789 E 1,934
32,723 31,690 Houghton 9,234 13,879 11,482 E 10,991 22,473 26,091 Huron 3,165 9,049
10,343 B 9,746 20,089 24,520 Ingham 17,435 25,268 30,045 B 3,631 33,676 34,947 Ionia
16,682 27,681 29,786 B 4,086 33,872 32,579 Iosco 175 3,163 3,521 B 3,252 6,873 10,602
Isabella 1,443 4,113 9,650 B 2,509 12,159 16,013 Isle Royale 34 E 21 55 Jackson 26,671
36,047 36,428 E 5,603 42,031 45,359 Kalamazoo 24,646 32,054 29,432 H 4,910 34,342
35,288 Kalkaska 424 2,292 B 645 2,937 4,499 Kent 30,716 5?,403 55,833 B 17,420
73,253 84,765 Keweenaw 4,205 2,304 E 1,966 4,270 4,677 Lake 548 2,401 B 832 3,233
7,574 Lapeer 14,754 21,345 21,833 B 8,305 30,138 30,118 Leelanaw 2,158 4,576 4,398
B 1,855 6,253 7,180 Lenawee 38,112 45,595 42,851 G 5,492 48,343 49,324 Livingston
16,851 19,336 19,528 E 2,723 22,251 21,573 Mackinac 1,938 1,716 2,254 B 648 2,902
5,163 Macomb 22,843 27,616 23,669 G 7,958 31,627 31,330 Manistee 975, 6,074 7,411
G 5,121 12,532 19,859 Manitou 1,042 891 933 I 401 1,334 873 Marquette 2,821 15,033
11,870 B 13,524 25,394 31,370 Mason 831 3,263 6,947 B 3,118 10,065 13,431 Mecosta
970 5,642 10,480 B 3,493 13,973 20,632 Menominee 1,791 5,646 B 6,341 11,987 19,129
Midland 787 3,285 5,156 B 1,737 6,893 8,784 Missaukee 130 994 B 559 1,553 3,388
Monroe 21,593 27,483 28,500 G 5,124 33,624 33,344 Montcalm 3,968 13,629 27,500 B
5,648 33,148 35,423 Montmorency Unorganized and attached to Alpena. 846 Muskegon
3,947 14,894 17,386 B 9,200 26,586 37,681 Newaygo 2,760 7,294 11,900 B 2,788 14,688
19,055 Oakland 38,261 40,867 34,854 B 6,683 41,537 41,167 Oceana 1,816 7,222 9,782
B 1,917 11,699 14,557 Ogemaw 12 1,156 B 758 1,914 3,641 Ontonagon 4,568 2,845
1,758 E 807 2,565 4,838 Osceola 27 2,093 7,566 B 3,211 10,777 13,989 Oscoda 70
357 B 110 467 1,376 Otsego 1,400 B 574 1,974 3,907 Ottawa 13,215 26,651 23,440 H
9,686 33,126 36,308 Presque Isle 26 355 1,450 G 1,663 3,113 4,067 Roscommon 736 B
723 1,459 2,610 Saginaw 12,693 39,097 39,160 B 19,935 59,095 75,813 Sanilac 7,599
14,562 13,477 B 12,864 26,341 29,623 Schoolcraft 78 900 B 675 1,575 3,853 Shiawassee
12,349 20,858 23,026 B 4,033 27,059 28,098 St. Clair 26,262 36,661 29,023 B 17,174

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46,197 46,813 St. Joseph 21,262 26,275 24,072 G 2,554 26,626 26,299 Tuscola 4,886
13,714 18,781 B 6,957 25,738 29,935 Van Buren 15,224 28,829 28,407 B 2,400 30,807
30,446 Washtenaw 35,686 41,434 38,903 G 7,945 41,848 41,704 Wayne 75,547 119,038
106,383 G 60,061 166,444 189,348 Wexford 650 5,132 B 1,683 6,815 10,538 Total
749,113 1,184,059 1,248,429 388,508 1,636,937 1,856,217 51

POPULATION OF MICHIGAN.

ITS INCREASE.

The following table shows the population of Michigan at decennial periods, according to the United States census, the rate of increase, rank in population among the States and Territories, etc.:

YEAR.	Total Population.	Per cent of Increase	Popl'n per Sq. Mile.	Persons to a Dwell'g
1810	25	4,762	1820	27
1820	27	8,765	84.0	0.1
1830	27	31,639	260.9	0.6
1840	23	212,267	570.9	3.7
1850	20	397,654	87.3	6.9
1860	16	749,113	88.3	13.0
1870	13	1,184,059	58.0	20.6
1880	9	1,636,937	38.2	28.5
			4.86	5.09

NATIVITY AND SEX, 1880.

The census of 1880 showed that the population consisted of 862, 355 males and 774,582 females, a percentage respectively of 52.7 and 47.3, but the masculine predominance was less than in former years. Of the 1,248,429 natives of the United States, 642,932 were males and 605,497 were females. Two-thirds of these were natives of Michigan; 229,657 were born in New York; 77,053 in Ohio; 37,865 in New England; 36,064 in Pennsylvania; 18,216 in Indiana; 10,775 in Wisconsin; 9,699 in Illinois; 7,903 in New Jersey, and 10,507 in Southern States. Next to the native Michiganders the New Yorkers predominated in all the counties except Delta, Houghton, Keweenaw, Menominee and Ontonagon, in which they were outnumbered by natives of Wisconsin; Gladwin, in which there were more Ohioans, and Gratiot, in which the New Yorkers and Ohioans were equal in numbers.

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The foreign born numbered 219,423 males and 169,085 females, a total of 388,508, or 23.7 per cent. of the whole population. British America (chiefly Canada), contributed 148,866; Great Britain, 98,240 (of whom 43,202 were English, 43,413 Irish, and 10,731 Scotch); the German Empire, 89,085; Holland, 17,177; Sweden, 9,412; Poland, 5,421; Norway, 3,520; Denmark, 3,513; France, 3,203, and Switzerland, 2,474. The letters prefixed to the foreign population, 1880, in the table on the preceding page, indicate the nativity of the greater number as follows: B, British America; E, England; I, Ireland; G, Germany, H, Holland.

HOW THEY WERE EMPLOYED.

Of the population of Michigan in 1880, 1,236,686 were of the age of ten years and over. Of these, 569,204 were returned as employed in gainful occupations, as follows: agriculture, 240,319; professional and personal services, 143,249; trade and transportation, 54,723, and manufacturing, mechanical and mining industries, 130,913.

Making a more detailed classification we find that but 70,845 of the agriculturists were laborers. There were in the State 2,148 clergymen, 2,097 lawyers, 3,404 physicians, surgeons and dentists, 10,150 teachers, including musicians, 3,089 officials and employes of government, 6,193 employed in hotels, boarding-houses and restaurants, 28,862 domestic servants, and 79,053 laborers other than agricultural. Under the head of trade and transportation, there were 14,174 traders and dealers, employing 12,580 clerks, salesmen and accountants, 3,154 commercial travelers, hucksters and peddlers, 1,467 employed in banking, brokerage and insurance, 10,445 officials and employes of railroad, express and telegraph companies, 5,015 draymen, hackmen, teamsters, etc., 3,184 sailors, steamboatmen and watermen, and 2,197 saloon-keepers and bartenders. There were also 1,904 manufacturers and officials of manufacturing companies, 2,868 iron and steel makers, 6,978 miners, 1,053 cotton and woolen mill operatives, 3,783 engineers and firemen, 2,870 machinists, 1,924 millers, 8,907 lumbermen, raftsmen and wood-choppers, 13,826 saw-mill operatives, 16,541 carpenters and joiners, 2,753 coopers, 2,920 cabinet

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makers and upholsterers, 4,896 painters and varnishers, 6,328 blacksmiths, 3,764 boot and shoe-makers, 4,412 brick and stone masons and stone cutters, 2,390 butchers, 1,398 fishermen, 1,907 cigar makers and tobacco workers, 1,919 printers, 1,547 harness, saddle and trunk makers, and 12,432 tailors, dressmakers and milliners.

Included in these were 55,013 females, nearly one-half of whom, 26,746, were domestic servants. Of the remainder, 10,462 plied the needle as dressmakers and milliners, 7,971 were teachers, 2,591 carried on or were employed in hotels, boarding-houses and restaurants, 1,165 were laundresses, and 973 were engaged in agriculture, only 204 of whom, however, were laborers. Among the rest we find six clergymen, seven lawyers, nine journalists, ninety-one physicians and surgeons and six dentists. Eleven were engaged in banking brokerage and insurance, 909 were employed in stores, 246 were in government offices, 232 were traders and dealers, and there was a miller, an iron and steel maker a brick maker a brewer and a livery stable keeper among the feminine bread-winners.

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MINERAL PRODUCTIONS OF MICHIGAN.

IRON.

In 1844 the variation of the compass needles near the present city of Negaunee drew the attention of the United States surveyors to the outcroppings of magnetic iron. In 1846 the first ore, three hundred pounds, was taken from the Jackson mine and smelted in an old forge the following winter. It was 1855 before the shipment of ore fairly began, since when the output has aggregated fully 25,000,000 of tons. The deposits are confined to the azoic formation of the Northern Peninsula and are located in the counties of Marquette, Menominee, Ontonagon, Delta, Baraga and Houghton. "It is doubtful," says Prof. T. B. Brooks in the *Geological Survey of Michigan* (i. 216), "if, in the same extent and thickness of rocks anywhere in the world, there is a larger percentage of iron oxide than in the Marquette series. In the order of relative abundance, so far as made out, the ores are the

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flag, the red specular hematites, soft or brown hematites and magnetites. These all exist in workable beds and all as disseminated minerals in rocks usually silicious." The average percentage of metallic iron in these four varieties of ore varies from 49.332 in the flag to 62.915 in the specular and 62.930 in the magnetite, while that of phosphorus ranges from .053 in the flag and .078 in the soft hematites to .111 in the specular. Excepting the soft hematites, which contain about five per cent. of water, the elements other than oxide of iron and silica amount five per cent.

The quality and value of the Lake Superior iron ore, as the Michigan ore is usually termed, is very high. The census of 1880 reported the product of Pennsylvania during the previous year as 2,185,675 tons, valued at \$5,517,079. But the Michigan product, though 350,000 tons less, was worth over half a million of dollars more. Pennsylvania employed a little more capital than Michigan, but paid the miners an average of only \$28.57 per month, while Michigan paid \$43.11. Michigan now undoubtedly leads in quantity as well as quality and value of iron production. New York and New Jersey are third and fourth in the list, followed by Ohio and Missouri.

The iron monograph of the tenth census reports Michigan as the eighth iron manufacturing State, having twenty charcoal blast furnaces and two rolling mills employing \$4,175,386 capital and 3,089 hands, paying \$922,597 in wages and making 142,716 tons of product valued at \$4,591,613. She used, however, but 201,179 tons of her own ore, sending over 1,200,000 tons to the other States to make one-third of all the pig iron of the Republic.

The following table shows the annual production of ore and pig in gross tons, together with the approximate value in the lower lake markets:

YEARS	Iron Ore.	Pig Iron.	Value.	YEARS	Iron Ore.	Pig Iron.	Value.	Unknown	
146,113									
1854	3,000	19,020	1855	1,449	9,187	1856	36,343	230,450	
1857	25,646	76,938	1858	15,876	1,629	133,788	1859	68,832	
7,258	575,529	1860	114,401	5,660	736,496	1861	49,909	7,970	
775,832	1862	124,169	8,590	984,977	1863	203,055	9,813	1,416,935	
1864	243,127	13,620	1,867,215	1865	186,208	12,283	1,590,430	1866	278,796
18,437	2,405,960	1867	443,567	30,211	3,475,820	1868	491,449	38,246	
3,992,413	1869	617,444							

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39,003 4,968,435 1870 830,940 49,298 6,300,170 1871 779,607 51,225 6,115,895 1872
900,901 61,195 9,188,055 1873 1,162,458 70,507 11,395,887 1874 920,557 86,494
7,592,811 1875 891,257 81,753 5,788,763 1876 992,764 61,911 5,397,785 1877 1,014,68
29,685 5,299,598 1878 1,101,110 17,404 6,884,432 1879 1,374,893 39,583 11,413,114
1880 1,885,724 48,523 19,457,427 1881 2,295,618 52,953 20,498,613 1882 2,947,392
72,962 26,270,205 1883 2,352,288 57,384 14,969,108 1884 2,455,924 57,287 13,921,491
Total 24,955,504 1,030,884 \$193,752,779

COPPER.

In the same year that the Jackson iron mine made its first output, the fissure vein of the Cliff copper mine, near Eagle river, was opened and proved remunerative. This was the first pecuniarily profitable result of Dr. Douglass Houghton's report to the legislature in February, 1841. But the existence of copper was previously known to Schoolcraft, and the great mass of copper on the bank of Ontonagon river, twenty miles above its mouth, had been seen and described by Baron L'Hontan in 1688 and by later travelers; and subsequent discoveries have proved that copper mines of considerable depth were opened and worked on Keweenaw Point and Isle Royale by the more intelligent and cultivated predecessors of the Indians. Since 1846 Michigan has produced nearly 400,000 tons of refined copper worth over \$180,000,000. According to the tenth census Michigan produced more than ninety per cent. of the product of the United States east of the 100th meridian, almost all of which came from the Portage Lake district of Houghton county. The other copper counties are Keweenaw, Ontonagon and Isle Royale. No copper ore is found in the State. The metal exists as pure native copper in fissure veins and in amygdaloid and conglomerate beds. Silver is often found with it, but also as a pure metal and as an admixture, but not as an alloy. The Calumet conglomerate was discovered in 1865 and the Calumet & Hecla made its first shipment two years later. This single company produced 16,562.522 net tons of refined copper in 1883, making a total output in seventeen years of 174,828.321 net tons, worth over \$72,000,000.

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The following table shows the annual production and value up to December 31, 1883, the returns for 1884 being still incomplete:

YEARS.	REFINED COPPER.	Net Tons.	Value. (N. Y. City.)
Prior to 1855	6,992.8635		
	\$3,146,400		
1855	2,904.6670	1,586,160	1856 4,108.6960 2,218,320
1857	4,765.4150		
2,382,500	1858 4,579.9580	2,129,235	1859 4,463.9975 2,239,591
1860	6,034.1875		
2,654,960	1861 7,519.4185	3,487,995	1862 6,793.1640 3,634,255
1863	6,492.6720		
4,415,600	1864 6,245.9825	5,870,300	1865 7,179.2915 5,635,515
1866	6,875.0315		
4,629,375	1867 8,763.8035	4,442,841	1868 10,467.0620 4,940,424
1869	13,312.6500		
\$6,230,016	1870 12,311.4245	5,096,752	1871 13,373.1745 5,728,485
1872	12,276.7615		
7,979,400	1873 15,045.7525	8,726,100	1874 17,166.6945 8,009,356
1875	18,019.7485		
8,180,626	1876 19,135.4985	7,198,430	1877 19,513.3355 7,327,888
1878	20,845.6330		
6,920,540	1879 21,425.7645	7,327,350	1880 24,869.1835 9,947,673
1881	27,270.4545		
9,971,702	1882 28,577.9900	10,522,416	1883 29,851.2020 8,955,361
Aggregate			
386,659.9670	\$172,035,566		

SALT.

Michigan is now the largest salt-producing region in the United States, largely leading in production the Onondaga region of New York, which is its only competitor to any extent. The first practical attempt at salt-well boring in the State was made at Grand Rapids in 1859 and the depth attained was 275 feet. An analysis of the brine seems to have shown but a small percentage of salt. The first well at East Saginaw was bored in 1860 and an analysis of the brine gave nineteen per cent. of salt. In 1884 there were 276 salt wells in the State—240 in Saginaw and Day counties and the remaining thirty-six in Huron, Iosco, Manistee, Midland, Gratiot, St. Clair and Jackson counties. The average depth of the wells in the Saginaw Valley is 1,000 feet and in Manistee 1,900 feet. The average salinometer strength of the brine is ninety degrees at fifty-six degrees Fahrenheit.

The total salt production of the State from 1860 to 1868 was as follows:

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1860 4,000 bbls.; 1861, 125,000 bbls.; 1862, 213,000 bbls.; 1863, 466,356 bbls., 1864, 529,073 bbls.; 1865, 477,200 bbls.; 1866, 407,077 bbls.; 1867, 474,721 bbls.; 1868, 555,690 bbls.

In March, 1869, the first State Salt Inspector (Dr. Samuel S. Garrigues) was appointed and the inspection of all salt required by law. Since that date the production of the various grades has been as follows:

YEAR.	Fine.	Packers'	Solar.	Second Quality.	Total Bbls.	Average Price.
1869	513,989	12,918	15,264	19,117	561,288	\$1.58
1870	568,326	17,869	15,507	19,650	621,352	1.32
1871	655,923	14,677	37,645	19,930	728,175	1.46
1872	672,034	11,110	21,461	19,876	724,481	1.46
1873	746,702	23,671	32,267	20,706	823,346	1.37
1874	960,757	20,090	29,391	16,741	1,026,979	1.19
1875	1,027,886	10,233	24,336	19,410	1,081,865	1.10
1876	1,402,410	14,233	24,418	21,668	1,462,729	1.05
1877	1,590,841	20,389	22,949	26,818	1,660,997	.85
1878	1,770,361	19,367	33,541	32,615	1,855,884	.85
1879	1,997,350	15,641	18,020	27,029	2,058,040	1.02
1880	2,589,037	16,691	22,237	48,623	2,676,588	.75
1881	2,673,910	13,885	9,683	52,821	2,750,299	.85
1882	2,928,552	17,208	31,335	60,222	3,037,317	.75
1883	2,828,987	15,424	16,735	33,526	2,894,672	.81
1884	3,087,033	19,388	16,957	38,428	3,161,806	.73
Total	26,014,098	262,794	371,746	477,180	27,125,818	

From the tenth census of the United States we find that there were in the United States 264 establishments with 539 wells, employing 5,065 hands and producing 29,800,298 bushels of salt valued at \$4,817,636. Michigan stood first in rank, with eighty-six establishments and 203 wells, employing \$2,147,209 of capital and 1,885 hands, paying \$540,902 in wages and producing 12,425,885 bushels of salt valued at \$2,271,913, nearly one-half the value of the total production of the country. New York had sixty-nine establishments and forty-two wells, employed \$2,286,081 capital and 1,040 hands, paid \$274,087 in wages and produced 8,748,203 bushels of salt worth \$1,106,740. West Virginia came next with ten establishments and fifty-seven wells, \$909,500 capital and 840 hands, paying wages to the amount of \$160,227 and producing 2,679,438 bushels salt worth \$380,369. Ohio, Pennsylvania, Virginia and California were the only other States producing more than \$100,000 worth of this invaluable antiseptic. The average depth of the

wells in Michigan was reported as 881 feet; New York, 324 feet; West Virginia, 1,043 feet; Ohio, 902 feet; Pennsylvania, 884 feet and Virginia's two wells, 262 feet. California mined and groundrock salt. The average strength of the Michigan brine was 91¼ degrees; that of Virginia, 86 degrees; Utah, 82½ degrees, New York, 69½ degrees; Ohio, 36.8 degrees, and West Virginia only 35¾ degrees.

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PRESIDENTIAL VOTE.

COUNTIES 1880. 1884. Garfield. Rep. Hancock. Dem. Weaver. G. B. Dow. Prohib. Blaine. Rep. Cleveland. Dem. Cleveland and Butler Fus. Butler People's. St. John Prohib. Alcona 386 252 9 545 329 339 9 1 Allegan 4,693 2,376 1,209 4 4,080 2,810 3,445 760 927 Alpena 960 834 38 927 924 1,127 198 59 Antrim 600 153 215 1 1,066 364 721 355 37 Arenac 323 17 607 531 44 Baraga 173 224 2 396 307 307 Barry 3,083 1,020 2,129 26 2,699 1,150 2,937 1,927 401 Bay 2,404 2,068 1,734 2,916 3,436 4,963 1,534 161 Benzie 449 170 142 556 245 380 135 77 Berrien 4,535 3,536 540 7 4,445 4,030 4,458 427 345 Branch 4,121 1,195 1,626 8 3,671 1,315 2,958 6,144 419 Calhoun 5,187 3,143 844 26 5,113 4,693 4,309 644 564 Cass 2,589 2,180 415 2,764 2,527 2,744 223 216 Charlevoix 784 304 78 2 1,043 401 825 469 56 Cheboygan 606 541 99 777 577 897 311 40 Chippewa 396 347 2 686 635 635 21 Clare 488 370 44 622 503 685 271 34 Clinton 3,299 2,797 756 12 2,782 2,413 3,220 814 315 Crawford 183 142 20 304 178 223 45 9 Delta 708 441 6 1,201 609 609 6 Eaton 4,195 2,681 809 87 4,106 2,818 3,717 911 494 Emmet 814 495 118 2 779 587 895 310 105 Genesee 4,934 3,086 925 56 4,328 3,153 3,657 560 1,005 Gladwin 100 243 7 2 288 208 213 19 Gd. Traverse. 1,356 428 70 1,645 549 808 257 94 Gratiot 2,548 1,489 965 7 2,676 1,526 2,736 1,207 283 Hillsdale 4,909 1,951 1,365 21 4,315 2,024 3,222 1295 629 Houghton 2,100 1,311 5 2,383 1,692 1,694 2 39 Huron 1,713 1,245 42 9 1,355 1,454 1,898 444 179 Ingham 3,984 3,412 1,005 29 3,709 3,272 4,562 1,292 472 Ionia 4,210 2,542 1,257 41 3,552 2,728 3,814 1,084 503 Iosco 809 513 5 1,016 844 864 124 43 Isabella 1,438 996 129 1,617 1,033 1,610 581 83 Isle Royale Jackson 4,486 3,743 1,810 117 4,804 4,383 5,452 1,060 645 Kalamazoo 4,478 3,044 550 4,515 3,452 3,750 398 455 Kalkaska 496 170 31 630 182 369 188 35 Kent 8,313 5,115 3,037 58 9,007 6,902 9,639 2,755 1,040 Keweenaw 591 262 620 201 201 12 Lake 579 266 6 1 951 447 656 209 109 Lapeer 3,440 2,606 171 3 3,062 2,499 2,741 240 276 Leelanaw 594 545 83 811 485 571 94 21 Lenawee 6,451 5,246 402 167 5,827 5,271 5,572 300 1,097 Livingston 2,879 2,819 231 10 2,597 2,621 2,938 316 272 Mackinac a 145 a 296 479 543 558 15 3 Macomb 3,137 3,218 201 10 2,782 3,336 3,464

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130 223 Manistee 1,189 870 210 1 1,305 1,223 1,926 706 162 Manitou 34 139 18 148 148
Marquette 2,434 1,271 14 21 4,230 1,467 1,478 12 48 Mason 1,267 766 76 1,299 1,011
1,217 211 57 Mecosta 1,621 852 275 2,365 1,166 1,847 683 187 Menominee 1,380 880 4
2 2,614 918 936 14 25 Midland 761 405 355 5 1,071 457 883 399 44 Missaukee 266 121
37 470 294 373 76 26 Monroe 3,178 3,701 224 2 3,025 3,735 3,920 190 224 Montcalm
4,163 2,770 763 4 3,857 2,296 3,788 1,502 173 Montmorency 93 48 137 89 9 Muskegon
2,807 1,680 358 3 3,483 2,119 3,171 1,042 317 Newaygo 1,492 625 994 11 1,971 995
2,051 1,056 203 Oakland 5,370 5,150 318 37 4,842 5,101 5,386 315 522 Oceana 1,481
482 501 1,637 661 1,213 552 357 Ogemaw 264 191 58 478 375 472 101 16 Ontonagon
228 218 25 1 301 233 233 24 Osceola 1,225 581 23 21 1,497 678 792 114 273 Oscoda
199 57 87 30 4 Otsego 328 217 81 8 485 197 410 213 21 Ottawa 3,284 2,019 784 5 3,758
2,390 3,049 659 231 Presque Isle 216 145 394 202 225 28 Roscommon 335 596 90 427
409 435 26 2 Saginaw 5,207 5,304 609 12 5,939 6,286 7,047 1,075 205 Sanilac 2,238
1,296 186 2 1,923 1,043 1,817 777 165 Schoolcraft 157 41 518 289 289 7 22 Shiawassee
3,347 1,972 1,167 26 2,705 1,671 3,141 1,471 623 St. Clair 4,219 3,439 758 7 4,017
3,583 4,668 1,002 348 55 St. Joseph 3,144 2,102 1,231 1 3,261 2,527 3,554 1,029 133
Tuscola 2,999 1,517 358 5 2,914 2,086 2,624 537 322 Van Buren 4,131 2,004 1,062 10
4,219 2,088 2,933 846 361 Washtenaw 4,692 4,957 333 23 4,049 4,983 5,315 332 617
Wayne 16,157 15,064 718 17,315 18,794 20,930 2,056 703 Wexford 1,111 406 128 1,220
632 253 130 Total 185,335 131,597 34,895 938 192,669 149,835 189,361 41,490 18,403

MICHIGAN'S PRESIDENTIAL VOTE, 1836 TO 1884.

Year. CANDIDATES FOR PRESIDENT. Popular Vote. Per Cent. Plurality. Electoral.
1836 William Henry Harrison, Whig 4,045 34.4 Martin Van Buren, Democrat 7,335 64.5
3,287 3 1840 William Henry Harrison, Whig 22,933 51.8 1,837 3 Martin Van Buren,
Democrat 21,096 47.5 James G. Birney, Liberty 321 .7 1844 Henry Clay, Whig 24,237
43.6 James K. Polk, Democrat 27,703 49.9 3,466 5 James G. Birney, Liberty 3,632 6.5
1848 Zachary Taylor, Whig 23,930 36.8 Lewis Cass, Democrat 30,677 47.2 6,747 5 Martin
Van Buren, Free Soil 10,393 16.0 1852 Winfield Scott, Whig 33,971 40.9 Franklin Pierce,
Democrat 41,842 50.4 7,871 6 John P. Hale, Free Soil 71,237 8.7 1856 John C. Fremont,
Republican 71,762 57.2 19,623 6 James Buchanan, Democrat 52,139 41.5 Millard
Fillmore, American 1,660 1.3 1860 Abraham Lincoln, Republican 88,480 57.1 23,423 6
Stephen A. Douglas, Democrat 65,057 42.0 John C. Breckinridge, State Rights 805 .6
John Bell, American 405 .3 1864 Abraham Lincoln, Republican 85,352 55.9 # 17,982 8
George B. McClellan, Democrat 67,370 44.1 1868 Ulysses S. Grant, Republican 113,229
57.9 30,865 8 Horatio Seymour, Democrat 82,364 42.0 David Davis, Workingmen's 202 .1

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1872 Ulysses S. Grant, Republican 136,199 62.7 59,179 11 Horace Greeley, Democrat and Liberal 77,020 35.4 Charles O'Connor, Democrat 2,861 1.3 James Black, Prohibition 1,271 .6 1876 Rutherford B. Hayes, Republican 166,534 52.5 25,439 11 Samuel J. Tilden, Democrat 141,095 44.4 Peter Cooper, Greenback 9,060 2.9 Green Clay Smith, Prohibition 766 .2 — Anti-Secret Society 75 1880 James A. Garfield Republican 185,190 52.8 53,889 11 Winfield S. Hancock, Democrat 131,301 37.5 James B. Weaver, Greenback 34,895 9.3 Neal Dow, Prohibition 938 .2 — Labor 312 .1 1884 James O. Blaine, Republican 192,669 48.1 42,834 13 Grover Cleveland, Democrat 149,835 37.2 Benjamin F. Butler, Greenback 41,490 10.3 Cleveland and Butler, Fusion 189,361 47.3 John P. St. John, Prohibition 18,403 4.6

Majority.

Note .—The Fusion ticket of 1884 was made up by the nomination of twelve electors by the Democratic and Greenback conventions. If elected, their votes were to be cast for Cleveland and for Butler in proportion to the party vote cast for the thirteenth elector, nominated without expectation of election but as a test of party strength and basis of division. The Democratic ticket was headed by J. W. Flanders, who received 149,835 votes. The Greenback ticket was headed by M. W. Field, who received 41,490 votes. Had the other twelve (Fusion) electors been chosen, therefore, on this basis, the vote of Michigan in the Electoral College would have been Cleveland, 9; Butler, 3, and Blaine, 1.

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VOTE FOR REPRESENTATIVES IN CONGRESS.

FIRST DISTRICT. COUNTY. 1882. 1884. William C. Maybury. Dem. Henry W. Lord. Rep. Wm. G. Brownlee. Free Trade. Scattering. Total. William C. Maybury. Dem. John Atkinson. Rep. John H. Eakins. G. B. Caleb S. Pitkin. Prohib. Total. Wayne 16,148 11,209 785 2 28,144 21,673 15,549 1,061 544 38,827 Plurality 4,939 6,124 SECOND DISTRICT. COUNTIES. Nathan'I B. Eldridge. Dem. John K. Boles. Rep. Albert J. Baker. Prohib. Albert F. Dewey. G. B. Scattering. Totals. Nathan'I B. Eldridge. Fusion. Edward P. Allen. Rep. Charles Mosher. Prohib. Edwin Willets. Totals. Hillsdale 2,166 3,519 909 16 6,610 3,146 4,424 607 8,177 Lenawee 5,562 4,880 387 15 10,844 5,641 5,815 1,069 12,523 Monroe 3,079 2,561 134 5,774 3,858 3,062 213 7,133 Washtenaw 4,444 3,749 195 12 8,400 5,065 4,355 531 1 9,952 Totals 15,251 14,709 1,238 387 43 31,628 17,710 17,656 2,418

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1 37,785 Plurality. 542 54 THIRD DISTRICT. COUNTIES. Edward S. Lacy. Rep. Hiram C. Hodge. Fusion. George Landon. Prohib. Scattering. Totals. James O'Donnell. Rep. H. F. Pennington. Fusion. Michael J. Fanning. Prohib. Scattering. Totals. Barry 2,542 2,648 46 3 5,239 2,637 3,005 383 6,025 Branch 3,375 2,389 5 5,769 3,560 3,006 459 7,025 Calhoun 3,868 3,493 38 1 7,400 5,024 4,357 581 4 9,966 Eaton 3,921 3,060 9 3 6,993 4,083 3,735 483 8,301 Jackson 4,317 4,739 201 9,257 5,134 5,107 625 1 10,867 Totals 18,023 16,329 294 12 34,658 20,438 19,210 2,531 5 42,184 Plurality 1,694 1,228 FOURTH DISTRICT. COUNTIES. George L. Yapple. Fusion. Julius Burrows. Rep. Scattering. Totals. Julius Burrows. Rep. George L. Yapple. Fusion. Ahaz N. Alcott. prohib. Scattering. Totals. Berrien 3,985 3,958 1 7,944 4,407 4,518 293 2 9,220 Cass 2,554 2,480 1 5,035 2,692 2,835 188 5,715 Kalamazoo 3,319 3,507 2 6,828 4,317 3,980 385 8,682 St. Joseph 3,383 2,648 6,031 3,133 3,716 77 6,926 Van Buren 3,088 3,484 1 6,573 4,015 3,163 289 9 7,476 Totals 16,329 16,077 5 32,411 18,564 18,212 1,232 11 38,019 Plurality 252 352 57 FIFTH DISTRICT. 1882. 1884. COUNTIES. Julius Houseman Dem. Wm. O. Webster. Rep. Wm. H. Taylor. G. B. H. D. Inman, Pro. Scattering. Totals. Chas. C. Comstock Fusion. J. C. Fitzgerald. Rep. Wilson C. Edsell. Prohib. Scattering. Totals. Allegan 3,009 3,510 8 26 1 6,554 3,485 4,031 924 3 8,443 Ionia 2,857 3,373 326 9 6,565 3,809 3,552 481 7,842 Kent 8,116 6,797 2 24 2 14,941 10,037 8,753 861 1 19,652 Ottawa 2,743 2,929 31 5,703 3,075 3,714 183 6,972 Total 16,725 16,609 336 90 3 33,763 20,406 20,050 2,449 4 42,909 Plurality 116 356 SIXTH DISTRICT. COUNTIES. Edwin B. Winans. Fusion. O. L. Spaulding. Rep. M. H. Burnham. Prohib. Scattering. Totals. Edwin B. Winans. Fusion. James C. Wilson. Rep. Leander C. Smith Prohib. Scattering. Totals. Clinton 3,118 3,067 13 2 6,200 3,298 2,806 307 6,411 Genesee 3,313 4,483 2 7,798 3,644 4,337 964 1 8,946 Ingham 4,145 3,508 135 1 7,789 4,546 3,719 465 8,730 Livingston 3,013 2,572 5,585 3,002 2,551 214 5,797 Oakland 4,927 4,854 2 9,783 5,367 4,964 465 1 10,797 Totals 18,516 18,484 148 7 37,155 19,857 18,377 2,445 2 40,681 Plurality 32 1,480 SEVENTH DISTRICT. COUNTIES. Ezra C. Carleton. Fusion. John T. Rich. Rep. Scattering. Totals. Ezra C. Carleton. Dem. Edgar Weeks. Rep. O'B. J. Atkinson. People's. John Russell. Prohib. Scattering. Totals. Huron 1,286 1,454 2,740 1,936 1,296 34 159 6 3,422 Lapeer 1,973 2,487 4,460 2,799 2,975 37 247 6,058 Macomb 3,085 2,553 1 5,639 3,400 2,828 3 222 2 6,455 Sanilac 1,430 1,548 2,978 1,719 1,847 231 101 3,898 St. Clair 3,766 3,210 8 6,984 4,681 3,370 792 288 14 9,145 Totals 11,540 11,252 9 22,801 14,535 12,316 1,097 1,008 22 28,978 Plurality 288 2,219 EIGHTH DISTRICT. COUNTIES. Roswell G. Horr. Rep. Charles J. Willet. Fusion. Benjamin Colvin. Prohib. Scattering. Totals. Timothy E. Tarsney. Fusion. Roswell G. Horr. Rep. Thomas Merrill. Prohib. Benjamin Colvin. G. B. Scattering. Totals. Gratiot 2,333 2,537 2 4,872 2,805 2,647 187 1 5,640 Isabella

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1,271 1,086 1 2,358 1,650 1,602 42 3 3,297 Isabella 1,271 1,086 1 2,358 1,650 1,602
42 3 3,297 Midland 857 786 1,643 932 1,039 14 1 1,986 Montcalm 3,263 2,541 1 5,805
3,855 3,857 71 1 7,784 Saginaw 4,201 4,401 530 9,132 7,045 5,982 138 121 2 13,288
Shiawassee 2,947 2,567 4 5,518 3,159 2,697 558 18 6,432 Totals 14,872 13,918 536 2
29,328 19,446 17,824 1,010 141 6 38,427 Plurality 954 1,624 58 NINTH DISTRICT. 1882.
1884. COUNTIES. Byron M. Cutcheon. Rep. Stephen Bronson. Fusion. Scattering. Totals.
Byron M. Cutcheon. Rep. S.S. Fallass Fusion. Henry P. Blake. Prohib. Scattering. Totals.
Antrim 633 343 976 1,074 723 23 1,820 Charlevoix 729 390 1,119 1,053 890 26 1,969
Kalkaska 469 303 772 627 385 3 7 1,022 Lake 849 341 1,190 972 643 94 1,709 Manistee
1,358 1,487 2,845 1,441 1,800 123 4 3,368 Mason 1,101 928 2,029 1,299 1,230 34 2,563
Mecosta 1,572 1,030 2,602 2,373 1,837 185 4,395 Missaukee 259 147 406 433 423 12
868 Muskegon 2,038 2,652 4,690 3,492 3,168 313 6,973 Newaygo 1,442 1,508 1 2,951
1,960 2,078 187 4,225 Oceana 1,137 926 2,063 1,600 1,234 366 2 3,202 Osceola 950
386 1,336 1,457 801 285 14 2,557 Wexford 992 456 1,448 1,182 995 53 2,230 Totals
13,529 10,897 1 24,427 18,969 16,207 1,704 27 36,901 Plurality 2,632 2,756 TENTH
DISTRICT. COUNTIES. H. H. Hatch Rep. Andrew C. Maxwell. Fusion. J. M. Miller Anti-
Monop Scattering Totals. S. O. Fisher. Dem. C. F. Gibson Rep. Alfred M. Webster. Prohib.
Scattering Totals. Alcona 474 191 665 347 536 1 881 Alpena 831 779 75 1,685 1,257 839
53 2,149 Arenac 602 297 52 951 Bay 2,480 2,432 1,548 6,460 4,663 2,974 212 1 7,850
Cheboygan 595 579 78 1,252 904 768 34 1,706 Clare 563 314 10 887 715 602 17 1,334
Crawford 287 147 3 437 196 317 7 1 521 Emmet 755 536 149 1,440 934 743 87 1,764
Gladwin 194 87 3 284 125 384 509 Iosco 836 413 1,249 996 842 77 1,915 Montmorency
118 38 12 168 175 57 6 238 Ogemaw 417 187 83 687 466 483 10 959 Oscoda 124 40
40 204 137 148 1 286 Otsego 521 148 41 710 382 506 18 906 Presque Isle 331 196 1
528 209 410 1 620 Roscommon 258 223 8 489 389 478 1 868 Tuscola 2,543 1,439 392 1
4,375 2,869 2,694 281 5,844 Totals 11,327 7,749 2,434 10 21,520 15,366 13,078 855 5
29,304 Plurality 3,578 2,288 ELEVENTH DISTRICT. COUNTIES. Ed. Breitung. Rep. Peter
White. Dem. John Russell. Prohib. J. Powers, G. B. Scattering. Totals S. C. Moffatt. Rep.
John Powers. Fusion. Scattering. Totals. Baraga 251 188 14 453 393 307 700 Benzie
381 256 19 656 632 371 1,003 Chippewa 409 402 3 814 689 645 1,334 Delta 741 195 3
939 991 826 5 1,822 Grand Traverse 1,105 478 17 8 1,608 1,841 637 12 2,490 Houghton
1,702 409 76 1 2,188 2,415 1,661 18 4,094 Isle Royale Keweenaw 526 137 14 2 679 624
201 1 826 Leelanaw 398 344 20 762 924 469 2 1,395 Mackinac 277 379 1 657 473 566
1,039 Manitou 25 45 35 105 19 147 166 Marquette 3,095 1,186 75 4,356 4,119 1,589
5,708 Menominee 1,774 364 135 2,273 2,547 1,010 3,557 Ontonagon 404 177 5 586 290

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246 15 551 Schoolcraft 340 280 620 510 317 827 Totals 11,428 4,840 343 82 3 16,696
16,467 8,992 53 25,512 Plurality 6,588 7,475 59

VOTE FOR GOVERNOR

1882. 1884. COUNTIES. David H. Jerome. Rep. Josiah W. Begole. Fusion. Dan'l P. Sagendorph. Prohib. Russell A. Alger. Rep. Josiah W. Begole. Fusion. David Preston. Prohib. Jesse M. Miller. People's. Scattering. Total Vote, 1884. Alcona 478 193 617 266 1 884 Allegan 3,394 3,037 109 4,053 3,387 1,004 2 8,446 Alpena 831 857 2 1,077 1,016 56 2,149 Antrim 592 376 28 1,046 726 51 1,823 Arenac 314 586 56 1 957 Baraga 216 258 3 401 297 698 Barry 2,259 2,750 202 2,672 2,944 420 6,036 Bay 2,236 3,318 80 2,930 4,683 207 184 8,004 Benzie 362 293 4 553 374 81 1,008 Berrien 3,947 3,919 100 4,410 4,450 370 1 9,231 Branch 3,203 2,489 57 3,493 3,009 525 1 7,028 Calhoun 3,439 3,547 472 4,979 4,315 690 2 9,986 Cass 2,466 2,537 29 2,727 2,761 230 1 5,719 Charlevoix 658 433 30 1,072 879 67 1 2,019 Cheboygan 558 692 5 776 902 44 1,722 Chippewa 377 446 3 678 638 28 1,344 Clare 469 395 26 614 684 44 1,342 Clinton 2,798 3,223 97 2,616 3,202 403 6,221 Crawford 278 159 309 219 9 537 Delta 459 439 5 1,198 618 6 1,822 Eaton 3,420 3,352 298 4,103 3,673 543 1 1 8,321 Emmet 628 759 80 767 892 124 1,783 Genesee 3,505 4,126 180 4,117 3,760 1,103 8,980 Gladwin 171 116 286 194 35 515 Gr'd Traverse 1,011 565 46 1,569 838 128 2,535 Gratiot 2,260 2,515 110 2,678 2,707 312 5,697 Hillsdale 3,471 3,005 188 4,260 3,166 750 1 3 8,180 Houghton 1,254 880 62 2,381 1,660 72 4,113 Huron 1547 1,181 1,347 1,884 197 1 3,429 Ingham 3,299 4,279 171 3,694 4,362 636 9 8,701 Ionia 2,573 3,275 371 3,494 3,715 634 1 7,844 Iosco 731 464 54 1,071 807 39 1,917 Isabella 1,246 1,100 11 1,605 1,604 99 2 3,310 Isle Royale Jackson 3,805 5,192 258 4,784 5,326 760 12 10,882 Kalamazoo 3,538 3,265 45 4,421 3,784 491 1 8,697 Kalkaska 451 320 9 619 371 45 1,035 Kent 6,320 8,181 371 8,843 9,684 1,166 2 5 19,700 Keweenaw 445 219 10 622 202 12 836 Lake 614 468 106 932 671 113 1,716 Lapeer 2,296 2,085 87 3,000 2,722 360 6,082 Leelanaw 374 387 1 804 576 24 1,404 Lenawee 5,186 5,100 574 5,690 5,423 1,406 3 12,522 Livingston 2,580 2,953 48 2,705 2,852 305 5,862 Mackinac 276 382 1 480 557 2 1,039 Macomb 2,547 3,048 66 2,772 3,438 254 1 1 6,466 Manistee 1,132 1,664 52 1,327 1,877 190 1 3,395 Manitou 40 100 18 148 166 Marquette 2,995 1,304 45 4,249 1,446 86 5,781 Mason 1,067 921 48 1,269 1,238 75 2,582 Mecosta 1,367 1,228 44 2,340 1,819 242 4,401 Menominee 1,505 665 97 2,586 952 26 3,564 Midland 783 864 5 1,068 875 46 10 1,999 Missaukee 203 203 466 370 34 870 Monroe 2,399 3,210 92 3,075 3,786 295 7 3 7,166 Montcalm 2,819 2,792 200 3,849 3,754 215 1 1 7,820 Montmorency 113 58 90 137 11 238 Muskegon 1,847 2,778 138 3,428 3,166 381 6,975 Newaygo 1,226 1,664 122 1,946 2,064 210 4,220 Oakland

Library of Congress

4,559 5,093 148 4844 5,341 647 10,832 Oceana 1,022 1,006 59 1,597 1,218 393 3,208
Ogemaw 378 300 495 458 17 1 971 Ontonagon 349 235 4 298 237 22 2 559 Osceola 731
495 125 1,466 768 324 2,558 Oscoda 117 43 4 198 88 4 290 Otsego 469 207 47 450 413
55 918 Ottawa 2,849 2,775 33 3,655 3,059 253 3 6,970 60 Prosque Isle 290 239 400 222
622 Roscommon 194 296 1 433 431 1 2 867 Saginaw 3,959 4,520 98 6,084 6,900 252
55 13,291 Sanilac 1,656 1,301 12 1,945 1,755 193 2 1 3,896 Schoolcraft 476 144 561
253 14 1 829 Shiawassee 2,524 2,872 139 2,659 2,997 789 15 1 6,461 St. Clair 3,400
3,519 45 4,079 4,568 388 14 9 9,058 St. Joseph 2,707 3,306 33 3,212 3,572 162 6 6,952
Tuscola 2,343 1,872 183 2,918 2,576 369 5,863 Van Buren 3,662 2,855 98 4,276 2,960
366 7 7,609 Washtenaw 3,413 4,541 346 3,934 5,250 782 9,975 Wayne 13,743 14,236
108 16,827 20,512 1,406 38,745 Wexford 873 548 62 1,219 844 192 2,255 Total 149,697
154,269 5,854 190,840 186,887 22,207 364 50 400,348

VOTE FOR STATE OFFICERS.

The aggregate vote in 1884 for State Officers other than Governor was officially returned by the Board of State Canvassers as follows:

LIEUTENANT GOVERNOR.

Archibald Buttars, Rep 191,614

Harthew H. Maynard, Fus 189,241

Alonzo Sherwood, Pro 19,205

John F. Wan Deventer, Poe 302

Imperfect and scattering 128

Total 400,490

Buttars' plurality 2,373

STATE TREASURER.

Library of Congress

Edward H. Butler, Rep 192,830

James Blair, Fus 188,480

A. B. Cheney, Pro 18,558

John Stover, Peo 287

Imperfect and scattering 642

Total 400,797

Butler's plurality 4,350

COMMISSIONER LAND OFFICE.

Minor S. Newell, Rep 192,550

John H. Dennis, Fus 188,211

Win. W. Barcus, Pro 19,168

Stephen P. Pool 15

Imperfect and scattering 44

Total 400,188

Newell's plurality 4,339

SUP'T PUBLIC INSTRUCTION.

Herschel R. Gass, Rep 192,652

Library of Congress

David Parsons, Fus 188,960

Joseph B. Steen, Pro 19,018

Imperfect and scattering 21

Total 400,651

Gass' plurality 3,692

SECRETARY OF STATE.

Harry A. Conant, Rep 192,929

William Shakespeare, Fus 188.546

Zacheus Chase, Pro 19,107

Paul Marrin, Peo 340

Imperfect and scattering 81

Total 401,003

Conaut's plurality 4,383

AUDITOR GENERAL.

William C. Stevens, Rep 192,840

George P. Sanford, Fus 188,314

O.E. Downing, Pro 18,980

Library of Congress

Win. E. Leonard, Peo 353

Imperfect and scattering 255

Total 400,742

Stevens' plurality 4,526

ATTORNEY GENERAL.

Moses Taggart, Rep 192,986

Francis W. Cook, Fus 188,293

John H. Tatem, Pro 19,034

Chas. C. Foote 17

Imperfect and scattering 192

Total 400,522

Taggart's plurality 4,693

MEMBER BOARD OF EDUCATION.

James M. Ballou, Rep 192 441

Chris. Vanderveer, Fus 188,687

Isaac W. McKeever, Pro 19,079

Imperfect and scattering 134

Library of Congress

Total 400,341

Ballou's plurality 3,754

Qualifications of Voters . — All male citizens, or foreigners who have legally declared their intention to become citizens, who have resided six months in the State and ten days in the voting precinct, and who have been registered as required by law, are entitled to vote at any general or special election

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POST OFFICES IN MICHIGAN.

In the following list the name of the post office is followed by the name of the county in which it is located. Money order offices are printed in *italics* . Followed by a # indicates that international, or foreign, as well as domestic money orders are issued The names of presidential post offices are followed by a number indicating their classification. County seats are indicated by a §. The list is revised to May 16, 1885.

The salaries of postmasters at offices of the 1st class are \$3,000 or more; 2d class, from \$2,000 to \$2,900; 3d class, from \$1,100 to \$1,900; 4th class, not exceeding \$1,000. Postmasters of the 4th class are appointed by the Postmaster General. The others are appointed by the President for a term of four years and confirmed by the Senate.

Abbott Mason.

Abronia Allegan.

Abscota Calhoun.

Acme Grand Traverse.

Ada Kent.

Library of Congress

Adair St. Clair.

Adamsville Cass.

Addison Lenawee.

Adrian # § 2 Lenawee.

Advance Charlevoix.

Ætna Newaygo.

Agr'l College Ingham.

Ainger Eaton.

Akron Tuscola.

Alabaster Iosco.

Alamo Kalamazoo.

Alanson Emmet.

Alaska Kent.

Alba Antrim.

Albion 2 Calhoun.

Alcona Alcona.

Alembic Isabella.

Library of Congress

Algansee Branch.

Alger Arenac.

Algodon Ionia.

Algonac St. Clair.

Allegan # § 3 Allegan.

Allen Hillsdale.

Allen Creek Oceana.

Allendale Ottawa.

Alleyton Newaygo.

Allis Presque Isle.

Allouez Keweenaw.

Alma Gratiot.

Altoona an Buren.

Almira Benzie.

Almont Lapeer.

Alpena # § 3 Alpena.

Alpine Kent.

Library of Congress

Alto Kent.

Alton Kent.

Altona Mecosta.

Alverson Ingham.

Amadore Sanilac.

Amber Mason.

Amboy Hillsdale.

Amsden Montcalm.

Amy Oakland.

Ann Arbor # §2 Washtenaw.

Applegate Sanilac.

Appleton Emmet.

Aral Benzie.

Arbela Tuscola.

Arcadia Manistee.

Archie Grand Traverse.

Arenac Arenac.

Library of Congress

Argentine Genesee.

Argyle Sanilac.

Arkdale Lapeer.

Arkona Antrim.

Arland Jackson.

Armada Macomb.

Arn Bay.

Arthur Saginaw.

Arvon Baraga.

Ashland Newaygo.

Ashland Centre Newaygo.

Ashley Gratiot.

Ashton Osceola.

Assyria Barry.

Athens Calhoun.

Athlone Monroe.

Atkins St. Clair.

Library of Congress

Atlanta Montmorency.

Atlantic Mine Houghton.

Atlas Genesee.

Attica Lapeer.

Atwood Antrim.

Auburn Bay.

Au Gres Arenac.

Augusta Kalamazoo.

Aurelius Ingham.

Au Sable Iosco.

Austerlitz Kent.

Austin Oakland.

Au Train Schoolcraft.

Averill Midland.

Avery Berrien.

Avondale Osceola.

Ayr Emmet.

Library of Congress

Bachelor Mason.

Bad Axe # § Huron.

Bagley Menominee.

Bailey Muskegon.

Bainbridge Berrien.

Balch Lenawee.

Baldwin § Lake.

Ball Cheboygan.

Bancroft Shiawassee.

Bandola Wexford.

Banfield Barry.

Bangor Van Buren.

Bankers Hillsdale.

Banks Bay.

Bannister Gratiot.

Baraga Baraga.

Barbeau Chippewa.

Library of Congress

Barker Creek Kalkaska.

Barkville Delta.

Bartlett Grand Traverse.

Bass River Ottawa.

Batavia Branch.

Bath Clinton.

Battle Creek # 2 Calhoun.

Bauer Ottawa.

Bay City # § 2 Bay.

Bay de Noquet Delta.

Bay Mills Chippewa.

Bay Port Huron.

Bay Springs Charlevoix.

Beacon Marquette.

Bear Lake Manistee.

Beaver Dam Ottawa.

Beaver Lake Ogemaw.

Library of Congress

Bedell Bay.

Bedford Calhoun.

Bedford Station Calhoun.

Bedwin Charlevoix.

Beebe Gratiot.

Beech Wayne.

Belden Wayne.

Belding Ionia.

Bell Presque Isle.

Bellaire § Antrim.

Bell Branch Wayne.

Belle River St. Clair.

Belleville Wayne.

Bellevue Eaton.

Belmont Kent.

Belvidere Montcalm.

Bengal Clinton.

Library of Congress

Bennington Shiawassee.

Benona Oceana.

Benson Wexford.

Benton Harbor # 3 Berrien.

Benzonia § Benzie.

Berlamont Van Buren.

Berlin Ottawa.

Berne Huron.

Berrien Centre Berrien.

Berrien Springs §3 Berrien.

Berryville Otsego.

Bertrand Berrien.

Berville St. Clair.

Bessemer Ontohagon.

Bethel Branch.

Big Beaver Oakland.

Big Prairie Newaygo.

Library of Congress

Big Rapids # §2 Mecosta.

Big Spring Ottawa.

Bingham Leelanaw.

Birch Run Saginaw.

Bird Oceana.

Birkett Washtenaw.

Birmingham Oakland.

Bismarck Eaton.

Black Lake Muskegon.

Blackmar Saginaw.

Black River Alcona.

Blaine St. Clair.

Blanchard Isabella.

Blendon Ottawa.

Bliss Emmet.

Blissfield Lenawee.

Bloomer Montcalm.

Library of Congress

Bloomington Van Buren.

Bluffton Muskegon.

Blumfield Saginaw.

Bohemian Ontonagon.

Bolton Alpena.

Bonanza Ionia.

Borculo Ottawa.

Bostwick Kent.

Bowen's Mills Barry.

Bowne Kent.

Boyne Charlevoix.

Boyne Falls Charlevoix.

Bradford Midland.

Bradford Lake Otsego.

Bradley Allegan.

Brampton Delta.

Branch Mason.

Library of Congress

Brandon Oakland.

Brant Saginaw.

Bravo Allegan.

Breckenridge Gratiot.

Breedsville Van Buren.

Brice Gratiot.

Bridgehamton Sanilac.

Bridgeport Saginaw.

Bridgeton Newaygo.

Bridgeville Gratiot.

Bridgewater Washtenaw.

Bridgeman Berrien.

Brighton Livingston.

Briley Montmorency.

Brockway St. Clair.

Brockway Cent St. Clair.

Bronson Branch.

Library of Congress

Brookfield Eaton.

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Brooklyn Jackson.

Brooks Newaygo.

Brouard Barry.

Brown City Sanilac.

Brownsville Cass.

Brutus Emmet.

Buchanan 3 Berrien.

Buckhorn Cheboygan.

Buel Sanilac.

Buena Vista Saginaw.

Bullis Livingston.

Bunker Hill Ingham.

Burdickville Leelanaw.

Burgess Charlevoix.

Burlington Calhoun.

Burnham Manistee.

Library of Congress

Burnip's Cor Allegan.

Burnside Lapeer.

Burr Oak St. Joseph.

Burr Lake Cheboygan.

Burton Shiawassee.

Butler Branch.

Burman Gladwin.

Byers Mecosta.

Byron Shiawassee.

Byron Centre Kent.

Cadillac# § 2 Wexford.

Cady Macomb.

Caldwell Isabella.

Caledonia Station Kent.

California Branch.

Calkinsville Isabella.

Calumet# 3 Houghton.

Library of Congress

Calvin Cass.

Cambria Hillsdale.

Cambridge Lenawee.

Camden Hillsdale.

Campbell Ionia.

Campbell's Cor Ogemaw.

Camp Douglas Manistee.

Canada Cor Muskegon.

Canandaigua Lenawee.

Canboro Huron.

Canby Emmet.

Cannonsburgh Kent.

Canton Wayne.

Capac St. Clair.

Carbondale Menominee.

Carland Shiawassee.

Carleton Monroe.

Library of Congress

Carlisle Eaton.

Carlton Centre Barry.

Carney Menominee.

Caro # § 3 Tuscola.

Carpenter Emmet.

Carp Lake Emmet.

Carrollton Saginaw.

Carson City Montcalm.

Carsonville Sanilac.

Cascade Kent.

Casco St. Clair.

Caseville Huron.

Cash Sanilac.

Casnovia Kent.

Cass Bridge Saginaw.

Cass City Tuscola.

Cassopolis § 3 Cass.

Library of Congress

Cato Montcalm.

Cedar Creek Barry.

Cedar Dale Sanilac.

Cedar Lake Montcalm.

Cedar River Menominee.

Cedar RunG'd Traverse.

Cedar Springs Kent.

Central Lake Antrim.

Central Mine Keweenaw.

Centre Line Macomb.

Centreville § St.Joseph.

Ceresco Calhoun.

Chadwick Ionia.

Champion Marquette.

Chandler Ionia.

Chapel Kent.

Chapin Saginaw.

Library of Congress

Charleston Sanilaw.

Charlesworth Eaton.

Charlevoix # § Charlevoix.

Charlotte # § 3 Eaton.

Chase Lake.

Chauncey Kent.

*Cheboygan # §*3 Cheboygan.

Chelsea 3 Washtenaw.

Cheneaux Mackinac.

Chesaning Saginaw.

Cheshire Allegan.

Chester Eaton.

Chesterfield Macomb.

Chestonia Antrim.

Chief Manistee.

Chippewa Lake Mecosta.

Chippewa Sta'n Osceola.

Library of Congress

Chubb's Cor Livingston.

Churchill Ogemaw.

Church's Cor Hillsdale.

Clam Lake Antrim.

Clare Clare.

Clarendon Calhoun.

Clarion Charlevoix.

Clarksburgh Marquette.

Clarkston Oakland,.

Clarksville Ionia.

Clawson Oakland.

Clay Bank Oceana.

Clay Hill Wexford.

Clayton Lenawee.

Clear Water Kalkaska.

Cleon Wexford.

Clifford Lapeer.

Library of Congress

Climax Kalamazoo.

Clinton Lenawee.

Clio Genesee.

Clyde Oakland.

Coat's Grove Barry.

Cob Moo Sa Oceana.

Cohoctah Livingston.

Colby Montcalm.

Coldwater # § 2 Branch.

Cole Oakland.

Coleman Midland.

Colfax Wexford.

Collins Ionia.

Coloma Berrien.

Colon St. Joseph.

Columbia Tuscola.

Columbiaville Lapeer.

Library of Congress

Columbus St. Clair.

Colwood Tuscola.

Commerce Oakland.

Comstock Kalamazoo.

Concord Jackson.

Cone Monroe.

Conger Manistee.

Conner's Creek Wayne.

Constantine 3 St. Joseph.

Conway Emmet.

Cooper Kalamazoo.

Coopersville Ottawa.

Copley Lake.

CopperFalls Mine Keweenaw.

Copper Harbor Keweenaw.

Coral Montcalm.

Corey Cass.

Library of Congress

Corinth Kent.

Corning Allegan.

Cortland Centre Kent.

Corunna # §3 Shiawassee.

County Line Saginaw.

Covert Van Buren.

Craig Houghton.

Crapo Osceola.

Crawford Isabella.

Crawford's Q'y Presque I.

Cressey's Corners Barry,.

Creswell Antrim.

Crooked Lake Clare.

Crosby Kent.

Crossman Tuscola.

Cross Village Emmet.

Croswell Sanilac.

Library of Congress

Croton Newaygo.

Crow Island Saginaw.

Crystal Montcalm.

Crystal Falls Marquette.

Crystal Valley Oceana.

Cumber Sanilac.

Cushing Cass.

Custer Mason.

Cutcheon Missaukee.

Daggett Menominee.

Dalley Cass.

Dalton Muskegon.

Damon Ogemaw.

Danby Ionia.

Dansville Ingham.

Dash Muskegon.

Davis Macomb.

Library of Congress

Davisburgh Oakland.

Davison Station Genessee.

Day Cass.

Dayton Berrien.

Deanville Lapeer.

Dearborn Wayne.

Decatur 3 Van Buren.

Deciple Mecosta.

Deckerville Sanilac.

Deep River Arenac.

Deer Creek Livingston.

Deerfield Lenawee.

Deer Lake Lake.

Deford Tuscola.

Delaware Mine Keweenaw.

Delhi Mills Washtenaw.

Dellwood Eaton.

Library of Congress

DeLoughary Menominee.

Delray Wayne.

Delta Eaton.

Delton Barry.

Delwin Isabella.

Denmark Tuscola.

Dennison Ottawa.

Denton Wayne.

Denver Newaygo.

Detour Chippewa.

Detroit # § 1 Wayne.

Detroit Junc Wayne.

Devereaux Jackson.

De Witt Clinton.

Dexter Washtenaw.

Diamond Lake Newaygo.

Diamond Springs Allegan.

Library of Congress

Dighton Osceola.

Dimondale Eaton.

Disco Macomb.

Dollarville Chippewa.

Donaldson Chippewa.

Dorr Allegan.

Dot Charlevoix.

Douglas Allegan.

Dover Clare.

Dowagiac # 3 Cass.

Dowling Barry.

Downington Sanilac.

Drake Lapeer.

Drayton Plains Oakland.

Drenthe Ottawa.

Drummond Chippewa.

Dryden Lapeer.

Library of Congress

Duck Lake Calhoun.

Duffield Genesee.

Dundee Monroe.

Dunningville Allegan.

Du Plain Clinton.

Durand Shiawassee.

Dushville Isabella.

Dutton Kent.

Eagle Clinton.

Eagle Harbor Keweenaw.

Eagle Mills Marquette.

Eagle River § Keweenaw.

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Eames Oakland.

East Dayton Tuscola.

East Fremont Sanilac.

East Gilead Branch.

East Greenwood StClair.

Library of Congress

East Jordan Charlevoix.

Eastlake Manistee.

East Le Roy Calhoun.

Eastmanville Ottawa.

East Milan Monroe.

East Paris Kent.

Eastport Antrim.

East Riverton Mason.

East Saginaw # 2 Saginaw.

East Saugatuck Allegan.

East Springport Jackson.

East Tawas # 1 Iosco.

East Thetford Genesee.

Eastwood Saginaw.

Easy Tuscola.

Eaton Rapids 3 Eaton.

Eau Claire Berrien.

Library of Congress

Echo Antrim.

Eckford Calhoun.

Ecorse Wayne.

Eden Ingham.

Edenville Midland.

Edgerton Kent.

Edgewood Gratiot.

Edmore 3 Montcalm.

Edna Roscommon,.

Edson Corn'rs Missaukee.

Edwardsburgh Cass.

Elba Lapeer.

Elbridge Oceana.

Elk Genesee.

Elk Rapids # Antrim.

Ellington Tuscola.

Ellis Calhoun.

Library of Congress

Ellsworth Antrim.

Elm Wayne.

Elmer Sanilac.

Elm Hall Gratiot.

Elmira Otsego.

Elmwood Tuscola.

Elsie Clinton.

Elva Tuscola.

Elwell Gratiot.

Ely Emmet.

Emerson Chippewa.

Emery Washtenaw.

Emmett St. Clair.

Empire Leelanaw.

English Menominee.

Englishville Kent.

Ensley Newaygo.

Library of Congress

Epoufette Mackinac.

Epsilon Emmet.

Erie Monroe.

Escanaba # §3 Delta.

Essexville Bay.

Eureka Clinton.

Evar# 3 Osceola.

Evergreen St. Clair.

Excelsior Kalkaska.

Exeter Monroe.

Fairfield Lenawee.

Fair Grove Tuscola.

Fair Haven St. Clair.

Fairview Oscoda.

Falcon Sanilac.

Fallassburgh Kent.

Falmouth Missaukee.

Library of Congress

Fargo St. Clair.

Farmers Creek Lapeer.

Farmington Oakland.

Farwell Clare.

Fawn River St. Joseph.

Fayette Delta.

Fennville Allegan.

Fentonville 3 Genesee.

Fenwick Montcalm.

Fergus Saginaw.

Ferndale Lake.

Ferris Montcalm.

Ferry Oceana.

Ferrysburgh Ottawa.

Fife Lake Grand Traverse.

Filion Huron.

Filer City Manistee.

Library of Congress

Fillmore Barry.

Fillmore Centre Allegan.

Finkton Antrim.

Fishers Station Kent.

Fitchburgh Ingham.

Five Lakes Lapeer.

FlatRock Wayne.

Fleming Livingston.

Fletcher Kalkaska.

Flint # § 2 Genesee,.

Floeter Schoolcraft.

Florence St. Joseph.

Flower Creek Oceana.

Fowerfield St. Joseph.

Flushing Genesee.

Ford River Delta.

Forester Sanilac.

Library of Congress

Forest Grove Ottawa.

Forest Hill Gratiot.

Forestville Sanilac.

Forman Lake.

Forsyth Marquette.

Fort Gratiot 3 St. Clair.

Fostoria Tuscola.

Fountain Mason.

Four Towns Oakland.

Fowler Clinton.

Fowlerville 3 Livingston.

Francisco Jackson.

Frankenmuth Saginaw.

Frankfort Benzie.

Franklin Oakland.

Fraser Macomb.

Fredericville Crawford.

Library of Congress

Fredonia Washtenaw.

Freeland Saginaw.

Freeport Barry.

Free Soil Mason.

Fremont 3 Newaygo.

Frielingville Osceola.

Frontier Hillsdale.

Frost Saginaw.

Fruitport Muskegon.

Fruit Ridge Lenawee.

Fulton Kalamazoo.

Gagetown Tuscola.

Gaines Station Genesee.

Galesburgh Kalamazoo.

Galien Berrien.

Galt Missaukee.

Ganges Allegan.

Library of Congress

Garden Delta.

Gatesville Chippewa.

Gaylord § Otsego.

Geary Clinton.

Genesee Village Genesee.

Geneva Lenawee.

Georgetown Ottawa.

Gerkey Barry.

Germania Sanilac.

Gibraltar Wayne.

Gibson Allegan.

Gilbert Wexford.

Gilead Branch.

Gilford Tuscola.

Gill's Pier Leelanaw.

Girard Branch.

Gladwin § Gladwin.

Library of Congress

Glass River Shiawassee.

Glen Arbor Leelanaw.

Gendale Van Buren.

Glen Haven Leelanaw.

Glen Lord Berrien.

Glenn Allegan.

Glenwood Case.

Gobleville Van Buren.

Godfrey Montmorency.

Gogebic Ontonagon.

Goodell's St. Clair.

Good Harbor Leelanaw.

Good Hart Emmet.

Goodison Oakland.

Goodland Lapeer.

Goodrich Genesee.

Gowen Montcalm.

Library of Congress

Graafschap Allegan.

Grafton Monroe.

Grand Blanc Genesee.

Grand Haven # § 3 Ottawa.

Grand Junc Van Buren.

Grand Ledge 3 Eaton.

G'd Marais Schoolcraft.

Grand Rapids # § 1 Kent.

Grand View Oceana.

Grandville Kent.

Grant Kent.

Grass Lake Jackson.

Grattan Kent.

Grayling Crawford.

Greenbush Alcona.

Green Creek Muskegon.

Greenfield Wayne.

Library of Congress

Greenland Ontonagon.

Green Oak Livingston.

Greenville # 3 Montcalm.

Greenwood Ogemaw.

Greenwood Cen St. Clair.

Gregory Livingston.

Gresham Eaton.

Grind Stone City Huron.

Griswold Kent.

Grosse Isle Wayne.

Grosse Point Wayne.

Grove Newaygo.

Groveland Oakland.

Gull Lake Barry.

Gun Marsh Allegan.

Hadley Lapeer.

Hagar Betrien.

Library of Congress

Haire Wexford.

Hamblin Shiawassee.

Hamburgh Livingston.

Hamilton Allegan.

Hancock 3 Houghton.

Hand Station Wayne.

Hanley Ottawa.

Hannah Grand Traverse.

Hanover Jackson.

Harbor Springs § Emmet.

Haring Wexford.

Harmon Oscoda.

Harrison § 3 Clare.

Harrisville # § Alcona.

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Third Class.—Printed matter in unsealed wrappers only, one. cent for each two ounces or fraction thereof, which must be fully prepaid. This includes books circulars, chromos, hand-bills, engravings, music, pamphlets, proof-sheets and manuscript accompanying the same, and any reproduction upon paper by any process except hand-writing, type-writing and the copying-press, not in the nature of a personal correspondence. All matter enclosed in sealed envelopes notched on the sides or corners must pay first class rates. The limit of weight for third class matter is four pounds, except for a single book which may weigh more.

Fourth Class.— All mailable matter not included in the three preceding classes, which is so prepared for mailing as to be easily withdrawn from the wrapper and examined one cent per ounce or fraction thereof. The limit of weight is four pounds and full prepayment is compulsory.

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UNITED STATES GOVERNMENT.

EXECUTIVE DEPARTMENT.

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INAUGURATED

President— Grover Cleveland, Of New York Mar. 4, 1885.

Vice-President— Thomas A. Hendricks, of Indiana "

THE CABINET.

APPOINTED

Secretary of State—Thomas Francis Bayard, of Delaware Mar. 4, 1885.

Secretary of the Treasury—Daniel Manning of New York "

Secretary of War—Wm. Crowninshield Endicott, of Massachusetts "

Secretary of the Navy—William Collins Whitney, of New York "

Secretary of the Interior—Lucius Q. C. Lamar, of Mississippi "

Attorney General—Augustus H. Garland, of Arkansas "

Postmaster General—William Freeman Vilas, of Wisconsin "

THE SUPREME COURT.

Chief Justice Morrison R. Waite, of Ohio Jan. 21, 1874.

Justice Samuel F. Miller, of Iowa July 16, 1862.

Justice Stephen J. Field, of California Mar. 10, 1863.

Justice Joseph P. Bradley, of New Jersey Mar. 21, 1870.

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Justice John M. Harlan, of Kentucky Nov. 29, 1877.

Justice William B. Woods, of Georgia Dec. 21, 1880.

Justice Stanley Matthews, of Ohio May 12, 1881.

Justice Horace Gray, of Massachusetts Dec. 20, 1881.

Justice Samuel Blatchford, of New York Mar. 23, 1882.

49th CONGRESS—THE SENATE.

President —Thomas A. Hendricks, of Indiana.

Secretary —Anson G. McCook, of New York.

ALABAMA.

TERM EXPIRES

John T. Morgan D. 1889

James L. Pugh D. 1891

ARKANSAS.

James H. Berry D. 1889

James K. Jones D. 1891

CALIFORNIA.

John F. Miller R. 1887

Library of Congress

Leland Stanford R. 1891

COLORADO.

Thomas M. Bowen R. 1889

Henry M. Teller R. 1891

CONNECTICUT.

Joseph R. Hawley R. 1887

Orville H. Platt R. 1891

DELAWARE.

George A. Gray D. 1887

Eli Salisbury D. 1889

FLORIDA.

Charles W. Jones D. 1887

Wilkinson Call D. 1891

GEORGIA.

Alfred H. Colquitt D. 1889

Joseph E. Brown D. 1891

ILLINOIS.

Library of Congress

Shelby M. Cullom R. 1889

John A. Logan R. 1891

INDIANA.

Benjamin Harrison R. 1887

Daniel W. Voorhees D. 1891

IOWA.

James F. Wilson R. 1889

William B. Allison R. 1891

KANSAS.

Preston B. Plumb R. 1889

John J Ingalls R. 1891

KENTUCKY.

James B. Beck D. 1889

Joseph C. S. Blackburn D. 1891

LOUISIANA.

Randall L. Gibson D. 1889

James B. Eustis D. 1891

Library of Congress

MAINE.

Eugene Hale R. 1887

William P. Frye R. 1889

MARYLAND.

Arthur P. Gorman D. 1887

E. K. Wilson D. 1891

MASSACHUSETTS.

Henry L. Dawes R. 1887

George F. Hear R. 1889

MICHIGAN.

Omar D. Conger B. 1887

Thomas W. Palmer R. 1889

MINNESOTA.

Samuel J.B. McMillan R. 1887

Dwight M. Sabin R. 1889

MISSISSIPPI.

James Z. George D. 1887

Library of Congress

Edward C. Walthal D. 1889

MISSOURI.

Francis M. Cockrell D. 1887

George G. Vest D. 1891

NEBRASKA.

Charles H. Van Wyck R. 1887

Charles F. Manderson E. 1889

NEVADA.

James G. Fair D. 1887

John P. Jones R. 1891

NEW HAMPSHIRE.

Austin F. Pike R. 1889

Henry W. Blair R. 1891

NEW JERSEY.

William J. Sewell R. 1887

John R. McPherson D. 1889

NEW YORK.

Library of Congress

Warner Miller R. 1887

William M. Evarts R. 1891

69

NORTH CAROLINA.

Matt. W. Ransom D. 1889

Zebulon B. Vance D. 1891

OHIO.

John Sherman R. 1887

Henry B. Payne D. 1891

OREGON.

Joseph H. Dolph R. 1889

R. 1891

PENNSYLVANIA.

John I. Mitchell R. 1887

James Donald Cameron R. 1891

RHODE ISLAND.

Nelson W. Aldrich R. 1887

Jonathan Chace R. 1889

Library of Congress

SOUTH CAROLINA.

Matthew C. Butler D. 1889

Wade Hampton D. 1891

TENNESSEE.

Howell E. Jackson D. 1887

Isham G. Harris D. 1889

TEXAS.

Samuel B. Maxey D. 1887

Richard Coke D. 1889

VERMONT.

George F. Edmunds R. 1887

Justin S. Morrill R. 1891

VIRGINIA.

William Mahone R. 1887

H. H. Riddleberger R. 1889

WEST VIRGINIA.

Johnson N. Camden D. 1887

Library of Congress

John E. Kenna D. 1889

WISCONSIN.

Philetus Sawyer R. 1887

James M. Spooner R. 1891

Republicans, 42. Democrats, 34.

HOUSE OF REPRESENTATIVES.

ALABAMA.

1. James T. Jones# D
2. Hilary A. Herbert# D
3. William C. Oates# D
4. Alexander C. Davidson D
5. Thomas. W. Sadler D
6. John M. Martin D
7. William H. Forney# D
8. Joseph Wheeler D

ARKANSAS.

1. Poindexter Dunn# D

Library of Congress

2.Clifton R. Breckenridge# D

3.James K. Jones# D

4.John H. Rogers# D

5.Samuel W. Peel# D

CALIFORNIA.

1. Barclay Henley# D

2. James A Loutitt R

3. Joseph McKenna R

4. William W. Morrow R

5. Charles N. Felton R

6. H. H. Markham R

COLORADO.

George G. Symes R

CONNECTICUT.

1. John R.. Buck R

2. Charles L. Mitchell# D

3. John T. Wait# R

Library of Congress

4. Edward W. Seymour# D

DELAWARE.

Charles B. Lore# D

FLORIDA.

1. Robert H. M. Davidson# D

2. Charles Dougherty D

GEORGIA.

1. Thomas M. Norwood D

2. Henry G. Turner#

3. Charles F. Crispi# D

4. Henry R. Harris D

5. Nathaniel J. Hammond# D

6. James H. Blount# D

7. Judson C. Clements# D

8. Seaborn Reese# D

9. Allen D. Candler# D

10. George T. Barnes D

Library of Congress

ILLINOIS.

1. Ransom W. Dunham# D
2. Frank Lawler D
3. James H. Ward D
4. George E. Adams# R
5. Reuben Ellwood# R
6. Robert R. Hitt# D
7. Thomas J. Henderson# D
8. Ralph Plumb R
9. Lewis E. Payson# D
10. Nicholas E. Worthington# D
11. William H. Neece# D
12. James M. Riggs# D
13. William M. Springer# D
14. Jonathan H. Rowell# R
15. Joseph G. Cannon# D
16. S. Z. Landes a D

Library of Congress

- 17. John R. Eden D
- 18. William R. Morrison# D
- 19. R. W. Townshend# D
- 20. John R. Thomas# R

INDIANA.

- 1. John J. Kleiner# D
- 2. Thomas R. Cobb# D
- 3. Jonas G. Howard D
- 4. William S. Holman# D
- 5. Courtland C. Matson# D
- 6. Thomas D. Browne#
- 7. William F. Bynum D
- 8. James F. Johnston R
- 9. Thomas B. Ward# D
- 10. William D. Owen R
- 11. George W. Steel# *b* R
- 12. Robert Lowry# D

Library of Congress

13. George Ford D

IOWA.

1. Benton J. Hall D

2. Jeremiah H. Murphy# D

3. David B. Henderson# R

4. William E. Fuller R

5. Benjamin F. Frederick D

6. James B. Weaver Fus

7 Edwin H. Conger R

8. William P. Hepburn# R

9. Joseph Lyman R

10. Adoniram J. Holmes# R

11. Isaac S. Struble# R

70

KANSAS

1. Edmund N. Morrill# R

2. Edward H. Funston# R

3. Bishop W. Ferkins# R

Library of Congress

4. Thomas Ryan# R
5. John A. Anderson# R
6. Lewis Hanback# R
7. Samuel R. Peters# R

KENTUCKY.

1. William J. Stone D
2. Polk Laffoon D
3. John E. Halsell# D
4. Thomas A. Robertson# D
5. Albert S Willis# D
6. John G. Carlisle# D
7. Wm. C. F. Breckenridge D
8. James B. McCreary D
9. William H. Wadsworth R
10. William P. Taulbee D
11. Frank L. Wolford# D

LOUISIANA.

Library of Congress

1. Louis St. Martin D
2. Michael Hahn R
3. Edward J. Gay D
4. Newton C. Blanchard# D
5. J. Floyd King# D
6. Alfred B. Irion D

MAINE.

1. Thomas B. Reed# R
2. Nelson Dingley, Jr# R
3. Seth L. Milliken# R
4. Charles A. Boutelle# R

MARYLAND.

1. Charles H. Gibson D
2. Frank T. Shaw D
3. William H. Cole D
4. John V. L. Findlay# D
5. Barnes Compton D

Library of Congress

6. Louis E. McComas# R

MASSACHUSETTS.

1. Robert T. Davis# R

2. John D. Long# R

3. Ambrose A. Ranney# R

4. Patrick A. Collins# D

5. Edward D. Hayden R

6. Henry B. Levering# R

7. Eben F. Stone# R

8. Charles H. Allen R

9. Frederick D. Ely R

10. William W. Rice# R

11. William Whiting# R

12. Francis W. Rockwell# R

MICHIGAN.

1. William C. Maybury# D

2. Nathaniel B. Eldridge# D

Library of Congress

3. James O'Donnell R
4. Julius C. Burrows R
5. Charles C. Comstock D
6. Edwin B. Winans# D
7. Ezra C. Carleton# D
8. Timothy M. Tarsney D
9. Byron M. Cutcheon# R
10. Spencer O. Fisher D
11. Seth C. Moffatt R

MINNESOTA.

1. Milo White# R
2. James B. Wakefield# R
3. Horace B. Strait# R
4. James B. Gilfillan R
5. Knute Nelson# R

MISSISSIPPI

1. John M. Allen D

Library of Congress

2. James B. Morgan D
3. Thomas C. Catchings D
4. Frederick C. Barry D
5. Otho R. Singleton# D
6. Henry S. Van Eaton# D
7. Ethelbert Barksdale# D

MISSOURI.

1. William H. Hatch# D
2. John B. Hale D
3. Alexander M. Dockery# D
4. James N. Burnes# D
5. William Warner R
6. John T. Heard D
7. John E. Hutton D
8. John J. O'Neill# D
9. John M. Glover D
10. Martin L. Clardy# D

Library of Congress

11. Richard P. Bland# D

12 William H. Wade D

13. William J. Stone D

14. William Dawson D

NEBRASKA.

1. Archibald J. Weaver# R

2. James Laird# R

3. George W, E. Dorsey R

NEVADA.

William Woodburn R

NEW HAMPSHIRE.

1. Martin A. Haynes# R

2. Jacob H. Gallinger R

NEW JERSEY.

1. George Hires R

2. James Buchanan R

3. Robert S. Green D

Library of Congress

4. James W. Pidcock D
5. William Walter Phelps# R
6. Hermann Lehlbach R
7. William McAdoo# D

NEW YORK.

1. Perry Belmont# D
2. Felix Campbell# D
3. Darwin R. James# R
4. Peter P. Mahoney D
5. Archibald M. Bliss D
6. Nicholas Muller# D
7. John J. Adams# D
8. Samuel S. Cox# D
9. Joseph Pulitzer D
10. Abram S. Hewitt# D
11. Truman A. Merriman D
12. Abraham Dowdney D

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13. Egbert L. Viele D
14. William G. Stahlnecker D
15. Lewis Beach# D
16. John H. Ketcham# R
17. James G. Lindsley R
18. Henry G. Burleigh# R
19. John Swinburne R
20. George West R
21. Frederick A. Johnson# R
22. Abraham X. Parker# R
23. J. Thomas Spriggs# D
24. John S. Pindar D
25. Frank Hiscock# R
26. Stephen C. Millard# R
27. Serene E. Paynell R
28. John Arnot# D
29. Ira Davenport R

Library of Congress

30. Charles S. Baker R

31. John L. Sawyer R

32. John M. Farquhar R

33. John B. Weber R

34 Walter L. Sessions R

71

NORTH CAROLINA.

1. Thomas G. Skinner# D

2. James E. O'Hara# R

3. Wharton G. Green# D

4. William P. Cox# D

5. James W. Reid D

6. Ridsen T. Bennett# D

7. John S. Henderson D

8. William H. H. Cowles D

9. Thomas D. Johnston D

OHIO

1. Benjamin Butterworth R

Library of Congress

2. Charles E. Brown R
3. James E. Campbell# D
4. Charles M. Anderson D
5. Benjamin LeFevre# D
6. William D. Hill# D
7. George E. Seney# D
8. John Little R
9. William C. Cooper R
10. Jacob Romeis R
11. William W. Ellsberry D
12. Albert C. Thompson R
13. Joseph H. Outhwaite D
14. Charles H. Grosvenor R
15. Beriah Wilkins# D
16. George W. Geddes# D
17. Adoniram J. Warner# D
18. Isaac H. Taylor R

Library of Congress

19. Ezra B. Taylor# R

20. William McKinley, Jr R

21. Martin A. Foran# D

OREGON.

Binger Herman R

PENNSYLVANIA.

1. Henry H. Bingham# R

2. Charles O'Neill# R

3. Samuel J. Randall# D

4. William D. Kelley# R

5. Alfred C. Harmer# R

6. James B. Everhart# R

7. I. Newton Evans# R

8. Daniel Ermentrout

9. John A. Hiestand

10. William H. Sowden D

11. John B. Storm# D

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- 12. Joseph A. Scranton R
- 13. Charles N. Brumm G. B
- 14. Frank Bound R
- 15. Frank C. Bunnell R
- 16. William W. Brown# R
- 17. Jacob M. Campbell# R
- 18. Louis E. Atkinson R
- 19. John W. Swope c D
- 20. Andrew G. Curtin# D
- 21. Charles E. Boyle# D
- 22. James S. Negley R
- 23. Thomas M. Bayne# R
- 24. Oscar L. Jackson R
- 25. Alexander C. White R
- 26. George W. Fleeger R
- 27. William L. Scott D
- At Large. Edwin S. Osborne R

Library of Congress

RHODE ISLAND.

1. Henry J. Spooner# R
2. William A. Pirce R

SOUTH CAROLINA.

1. Samuel Dibble# D
2. George D. Tillman# D
3. D. Wyatt Aiken# D
4. William H. Perry D
5. John J. Hemphill# D
6. George W. Dargan# D
7. Robert Smalls# R

TENNESSEE.

1. Augustus H. Pettibone# R
2. Leonidas C. Houk# R
3. John R. Neal D
4. Benton McMillin# D
5. James D. Richardson D

Library of Congress

6. Andrew J. Caldwell# D
7. John G. Ballentine# D
8. John M. Taylor# D
9. Peter T. Glass D
10. Zachary Taylor R

TEXAS

1. Charles Stewart# D
2. John H. Reagan# D
3. James H. Jones# D
4. David B. Culberson# D
5. James W. Throckmorton# D
6. Olin Welborn# D
7. William H. Crain D
8. James F. Miller# D
9. Roger Q. Mills# D
10. Joseph D. Sayers D
11. Samuel W. T. Lanham# D

Library of Congress

VERMONT

1. John W. Stewart# R
2. William W. Grout R

VIRGINIA.

1. Thomas Croxton D
2. Harry Libbey# R
3. George D. Wise# D
4. James D. Brady R
5. George C. Cabell# D
6. John W. Daniel D
7. Charles T. O'Farrell# D
8. John S. Barbour# D
9. Connally F. Trigg D
10. J. Randolph Tucker# D

WEST VIRGINIA.

1. Nathan Goff, Jr.# R
2. William L. Wilson# D

Library of Congress

3. Charles P. Snyder# D

4. Eustace Gibson# D

WISCONSIN.

1. Lucien B. Caswell R

2. Edward S. Bragg D

3. Robert M. LaFollette R

4. Isaac W. Van Schaick R

5. Joseph Rankin# D

6. Richard Guenther# R

7. Ormsby B. Thomas R

8. William T. Price# R

9. Isaac Stephenson# R

TERRITORIAL DELEGATES.

Arizona—C. C. Bean R

Dakota—Oscar I. Gifford R

Idaho—Theodore F. Singiser# R

Montana—Hiram F. Knowles R

Library of Congress

New Mexico—Antonio Joseph D

Utah—John T. John T. Caine# D

Washington—Charles S. Voorhees R

Wyoming—J. M. Carey D

Note .—D. Democrats, 182; R., Republicans, 140: G. B., Greenbacker, 1; Fus., Fusionist, 1; Vacancy, 1; Total, 325.#Re-elected.

a.—Contested by James McCartney, R.

b.—Contested by M. H. Kidd, D

c.—In place of Wm. A. Duncan, died Nov. 14th, 1884.

72

DO NOT FORGET THAT The Travelers —is— THE LARGEST ACCIDENT COMPANY IN THE WORLD.

THAT IT IS THE ONLY LARGE ONE IN AMERICA.

THAT IT PAYS \$4,000 A DAY FOR LOSSES BY DEATH AND DISABLING INJURY.

THAT IT HAS PAID \$10,500,000 TO POLICY HOLDER SINCE 1864.

That ONE IN NINE of all insured under its Accident Policies have received Fatal or Disabling Injuries .

THAT IT IS ALSO One of the Best of Sound Life Companies.

That it Secures Full Payment by

Library of Congress

\$7,826,000 Assets, \$1,947,000 Surplus,

Not by an Empty Treasury and Assessments on the Survivors.

THAT ITS POLICIES ARE ALL NON-FORFEITABLE.

THAT IT PAYS ALL CLAIMS WITHOUT DISCOUNT

And immediately upon receipt of satisfactory proofs.

That its Rates as Low as will Permanently Secure

FULL PAYMENT OF THE FACE VALUE Of Policies .

73

MICHIGAN BUGGY CO.

KALAMAZOO.

MICHIGAN.

WHOLESALE MANUFACTURERS OF ALL KINDS OF OPEN AND TOP BUGGIES AND ROAD CARTS.

AGENTS WANTED EVERYWHERE. WRITE FOR CATALOGUE AND PRICE LIST.
FINE WORK A SPECIALTY. WE ALSO MANUFACTURE A FULL LINE OF CUTTERS.
INCLUDING SWELL BODY, PORTLAND, SQUARE BOX, TWO-SEAT PORTLAND AND PONEY SLEIGHS.

MICHIGAN BUGGY CO., - KALAMAZOO, MICH.

STOP AT COOK [???] HOUSE,

Library of Congress

THE LEADING HOTEL

E. H. HUDSON, Prop'r. ANN ARBOR.

W. J. CHITTENDEN.

LEWIS A. McCREARY.

LEWIS A. McCREARY.

RUSSELL HOUSE

DETROIT, MICH.

The largest, best appointed and most liberally managed hotel in Detroit. Centrally located on Public Square, opposite City Hall and Opera House, commanding the leading thoroughfares of the city.

W. J. CHITTENDEN & CO., Proprietors .

74

BANNER TOBACCO COMPANY

LARNED STREET, COR. RANDOLPH, DETROIT, MICH.

MANUFACTURERS OF THE CELEBRATED

BANNER FINE CUT

BETTER THAN THE BEST .

ALSO PLUM PUDDING AND PRAIRIE ROSE, " *CHIC* ," *GARLAND*, *SNOW-FLAKE* AND OTHER BRANDS OF SMOKING.

Library of Congress

"Sam B. Scott" and "Ben Haxton" Cigars.

W. H. FEFFT, President .

M. B. MILLS, Vice-President .

BENJ. F. HAXTON, Secretary and General Manager .

75

THE PETER SMITH PATENT Heater and Hot Water Circulator FOR HEATING

Private Residences, Public Buildings, School Houses, Theatres, Stores, Offices, Railroad Stations, Railroad Cars, Green Houses,

Stables, etc., and for keeping a working pressure on Steam Fire Engines while in Engine House.

SMITH & OWEN HEATER CO.

MANUFACTURERS FOR THE UNITED STATES AND CANADA.

OFFICE AND FACTORY,

58 and 60 First Street, DETROIT, MICH.

76

THE OWEN MINERAL WELL AT YPSILANTI, MICHIGAN.

Water from the Owen Well is a real medicine, and unlike other saline waters, it does not have the effect of salt, and though brackish leaves a pleasant after-taste. It will cure any case or disease usually treated with calomel without the terrible after-effects. Diphtheria, Hemorrhoids and Hay Fever we have not failed to cure. For Cholera Morbus, Dysentery or Summer Complaint, try this water, for it is like magic in destroying the disease and

Library of Congress

relieving all pain. We believe we have a perfect antidote for Asiatic Cholera. All Skin Diseases have been treated with perfect success. This water, though it has great power in curing disease, is so nicely equalized in its properties that it will not injure the most delicate person and can be given to a child without danger. It is a perfect disinfectant and for sponge baths it has not an equal. It removes dandruff and its use will cleanse the scalp and prevent the hair from falling out. This water does not lose its virtue by age, thus enabling us to ship in packages of any size.

Circulars giving a full and correct analysis of the water, together with directions for using, will be sent upon application. Water can be obtained at the following prices:

Per barrel, \$8.00, Half barrel, \$4.50. 10-gal. kegs, \$3.25 .

In jugs of 5 gallons and under a; uniform price of twenty cents per gallon and ten cents per gallon for packages. Price in bottles: pints, \$3.00 per dozen; quarts, \$5.00 per dozen. All orders must be accompanied by draft or money order.

T. C. OWEN, Ypsilanti, Mich.

YPSILANTI MINERAL SPRING WATER

THE WATER FROM THE Ypsilanti MINERAL SPRING

Has been introduced to the public during the past two years. It has been tried and tested in a variety of diseases and has given universal satisfaction. The great strength of the medicinal properties of the Water makes it the best and cheapest ever offered to the public.

Send for circulars and price lists.

Address, *Ypsilanti Mineral Spring* , YPSILANTI, MICH.

A FEW MICHIGAN RESORTS.

DIAMOND LAKE, ON THE AIR LINE OF THE MICHIGAN CENTRAL, is a beautiful sheet of water about nine miles in circumference, surrounded by a natural forest of oak, maple and beach. It is a delightful resort for those seeking relief from business cares and who desire the recreation of rural life and sylvan scenes. In the lake is art island of seventy-five acres. The fishing is very fine, bass, pickerel and many other species being in abundance. Wall-eyed pike and black bass may be caught in May and June. On the north shore of the lake is a fine summer hotel (FOREST HALL), where the Michigan Central trains stop. This hotel is fitted up with all modern improvements and is admirably conducted. Pose office address, Cassopolis, Mich.

ST. CLAIR MINERAL SPRINGS, ON THE LINE OF THE MICHIGAN CENTRAL.

St. Clair itself is a prosperous, elegant little town of about two thousand inhabitants, on the west bank of St. Clair River and about half way between Lakes Huron and St. Clair. The Oakland is a fine large hotel and sanitarium situated on the river bank, just south of St. Clair, and within three minutes' walk of the Michigan Central Depot. It is a favorite place for those who wish a summer's perfect resort, as well as those who seek relief from disease. The St. Clair Mineral Spring Water is of the same general class as the Saratoga and German saline spas, but more powerful than most of them. Taken internally, or in the form of hot or cold baths, it is found to be very efficacious in *all forms* of diseases of the skin, blood, liver and genitals. The baths are no less delightful than curative and result in a physical vigor that gives a new zest to life.

SOUTH HAVEN, TERMINUS OF SOUTH HAVEN DIVISION MICHIGAN CENTRAL. is a charming town of fifteen hundred population, located where Black River empties into Lake Michigan. The surrounding country is fruitful and picturesque, fish and game abound, the facilities for bathing and camping-out are excellent and the lake breezes render the

Library of Congress

summer climate delightful and healthy. A local resort for many years, its reputation has quietly spread to distant regions without the aid of special advertising.

TOPINABEE, THE NORTHERN HAY FEVER RESORT, is situated on the narrow peninsula between Mullet and Burr Lakes, thirty miles south of Mackinac Island. It is one of the best points in Northern Michigan for hook and line fishing, bass, pickerel, pike and whitefish being abundant in the lakes, with fine trout and grayling streams near at hand. Game is very plentiful.

On account of its high, dry and healthful situation, Topinabee has been chosen as the permanent location of the Northern Hay Fever Resort Association, whose President, George L. Pratt, Ridgeway, .N. Y., may be applied to by those desirous of additional information. The grounds form a natural park, rising in terraces from the lake, covered with timber and carpeted with winter-greens, arbutus and sweet ferns, and the climate and outdoor life will infuse new life into the most wearied denizen of the city.

YPSILANTI, ON THE MAIN LINE OF THE MICHIGAN CENTRAL, has rapidly become one of the most important resorts for health seekers in the country. Its mineral water has proved a most potent natural medicine for very many organic and chronic diseases. With its alkaline reaction and its sulphates of sodium, potassium and magnesium, its bromide, sulphur and iron, it is a powerful tonic and an eliminator of miasmatic and blood-poisons from the system. It is used both externally and internally with great effect and tends to equalize the circulation, regulate cardiac action, excite secretion and tone the muscular and nervous system. A fine bath-house has been erected and health and pleasure seekers will find Ypsilanti a delightful resting place.

BOVININE is a raw food extract and concentration of the vital principles of beef and mutton, palatable nutritious and easily assimilated. It sustained General Grant' life for months. J. P. BUSH MAN'F'G CO., 91 Washington St., Chicago.

TO MACKINAC AND THE "SOO"

THE FIRST-CLASS PROPELLER "MESSENGER"

Comes out of her winter quarters thoroughly refitted and in first-class condition for Passenger and Freight traffic. During the season of 1885 she will leave her dock at CHEBOYGAN ON MONDAYS, WEDNESDAYS AND FRIDAYS FOR SAULT SAINTE MARIE, VIA *MACKINAW CITY, ST. IGNACE AND MACKINAC ISLAND*,

Calling at Detour, Encampment and all points on the Ste. Marie River Returning Leaves Sault Ste. Marie on Tuesdays, Thursdays and Saturdays.

Connects at Cheboygan with the Michigan Central ; at Mackinaw City with the Michigan Central and Grand Rapids & Indiana ; at St. Ignace with the Detroit, Mackinac & Marquette R. R.; and at Sault Ste. Marie with Lake Superior Streamers .

The route is a most delightful one of great scenic interest and the most direct and expeditions one to the picturesque points of the greatest of the lakes.

CHARLES R. SMITH, Cheboygan, Mich.

79

The Michigan Central is the only real "Niagara Falls Route" in the country—none genuine without "M. C." blown in the bottle. It is the only railroad that gives a satisfactory view of the Falls. Every day train stops from five to ten minutes at Falls View, which is what the name indicates—a splendid point from which to view the great cataract. It is right on the brink of the grand canyon, at the Canadian end of the Horseshoe, and every part of the Falls is in plain sight. Even if he is too ill or too lazy to get out of his car, he can see the liquid wonder of the world from the window or the platform. This is the Michigan Central's strongest hold on popular favor. its greatest advantage, its chief attraction. So long as the waters of that mighty river thunder down to the awful depths below, so long as the rush and roar, the

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surge and foam and prismatic spray of nature's cataractic masterpiece remain to delight and awe the human soul. thousands and tens of thousands of beauty-lovers and grandeur-worshippers will journey ever the only railroad from which it can be seen. There is but one Niagara Falls on earth and but one direct great railway to it.

After leaving Falls View, the train sweeps along the edge of the mighty chasm, some two or three miles, to Suspension Bridge, giving constant and ever-changing views of the cataract and the surging, boiling river, as it madly rushes and rages between the perpendicular walls of stone, three hundred feet high, that form the great canyon of Niagara. The stream is crossed on the new Cantilever Bridge, which, stretching over the rearing flood, from precipice to precipice, seemingly resting on air alone, is a marvel of engineering skill and daring. It is a dizzy height above the seething waters, and seems a pathway only for winged creatures, but the train rushes over it as though it were a highway cut in solid stone. From the bridge there is a magnificent view of the Falls, the Rapids and the Suspension Foot-Bridge, above the Cantilever; while below it the eye takes in the Lower Rapids and the awful Whirlpool, where Captain Webb's body was found.

On the New York side of the river the road follows the very brink of the canyon for a mile or more, affording continual glorious glimpses of the Cataract, the Rapids and all the other noted spots; and, after leaving the town of Niagara, it, winds along the margin of the river, furnishing views of the islands and the Upper Rapids, until the mighty stream widens out into Lake Erie, just as the conductor announces Buffalo. It is a twenty-mile long flying panorama of God's and Nature's sublimest handiwork—a feast to the eye, ear, heart, soul and imagination that is worth the cost in time and money of a trip across the continent or around the world.— *Col. P. Donan in St. Louis Spectator* .

80

The Michigan Central

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IS THE GREAT ARTERY of the trade and travel through which pulsates the commercial life of the State. Chartered in 1832, when the population numbered but forty thousand and Detroit was little more than a village, it has exerted an influence in the upbuilding of the State and the development of its rich resources not to be computed. Sharing in the early struggles and in the financial reverses of the people, it has made possible the wealth and prosperity that now exists. It has grown with the population and fortunes of the State, that has always taken a just pride in it, until now it is not only "The Great East and West Highway," wearing its well-earned title of "The Niagara Falls Route." but it is more than ever the Michigan Central, with its lines of steel rails running from Detroit, the metropolis and its focal point, eastward to Buffalo, south to Toledo, west to Chicago and Grand Rapids and north to the Saginaws, Bay City and Mackinaw, while its branches and connections permeate both peninsulas, a network of life-sustaining veins. Leaving out two towns with which it has close connections, it runs its cars to the eleven largest cities of the State, having an aggregate population of more than 327,000. It traverses the richest agricultural and timber lands of the State, the great factories of the State are on its lines and it is the great outlet of its fruit, salt and coal regions, as well as of the Upper Peninsula with its marvelous stores of mineral wealth. The map shows its importance more strongly than any description, but the Mackinaw Division is worthy of special mention as being the direct line to the Northern Peninsula; to Mackinac, the tourist's paradise, the gem of the Great Lakes, reserved by Congress as a National park; to Topinabee, the great resort of hay-fever sufferers; to the lake ports of Cheboygan and Mackinaw City, from which steamers run to Manistique, Saul, Ste. Marie and other points of interest; through the great pine forests that fill the air with healing balsamic odors; to Grayling, Rescommon and a score of other places on brawling streams whose cold clear waters are filled with speckled brook trout and grayling, the princes of piscatorial prizes. Nature has filled this northern portion of the Lower Peninsula with beauty, stocked it with fish and game and sends over it gentle zephyrs of purest ozone, giving health and vigor to the sick and weary. An admirable system of through cars and close connections has placed this remarkable region within easy reach of Boston, New York, Philadelphia, Cincinnati, Louisville, Chicago

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and St. Louis. Illustrated descriptive folders can be obtained from any of the company's officers or agents.

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MAP OF PART OF THE MICHIGAN CENTRAL SHOWING Main Line (U. S.) and Air Line, South Bend, Joliet, South Haven, Grand Rapids, Saginaw, Bay City and Toledo AND Michigan Midland Division.

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MICHIGAN LAND

FOR SALE

On the Line of the Michigan Central R. R.

The Michigan Central Railroad, when it acquired the Jackson, Lansing & Saginaw Railroad, acquired also the Government Land Grant, comprising in the neighborhood of 600,000 acres in Saginaw, Bay, Arenac, Ogemaw, Roscommon, Missaukee, Kalkaska, Crawford, Oscoda, Montmorency, Otsego, Antrim, Cheboygan and Charlevoix countries. This portion of the great State of Michigan contains a fair population and is very rapidly filling up with the best class of settlers from all parts of the United States and Canada. The completion of the Michigan Central Railroad to Mackinaw City, passing through about the center of these lands, has given an impetus to immigration that promises to rapidly settle all the lands still unsold.

The country is what is generally known as "heavy-timbered" land. There is pine enough interspersed among the hard wood to supply settlers with building material for many years to come. Sugar maple and beech are the predominant woods, while other kinds, such as elm, basswood and hemlock, are to be found. The trees attain a gigantic size, proving the great productiveness of the soil.

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The soil is generally of a dark sandy loam and in many places has a clay subsoil. Vegetables of every kind grow abundantly and in great perfection. The crops are never a failure. Wheat, corn, buckwheat, peas, rye and potatoes are the principal crops, all of which yield abundantly. Four hundred and fifty bushels of potatoes have been raised from one acre and fifty bushels of wheat to an acre have been grown. The average yield of wheat is about twenty bushels and of potatoes about one hundred and ten bushels per acre.

The winters are not colder than in Southern Michigan, Northern Ohio and Indiana. Snow generally falls to a depth of from eighteen inches to two feet and the surface of the ground seldom freezes. Potatoes and many other root crops are frequently left in the ground all winter and dug out in the following spring and found in excellent condition.

During the summer the nights are cool, while the days are never excessively hot. General good health prevails at all seasons and malarial diseases are rare. Fever and ague and kindred diseases are almost unknown and people who have suffered from them for many years speedily and permanently recover after coming here. Many families came here to escape the chills and fever that had so persistently followed them in the West and all have been permanently benefited by the change.

Tickets will be sold to intending settlers to any point north of Oakley, Michigan, by all agents of the Michigan Central Railroad, at two cents per mile, and for settlers on or near the line of the road the Michigan Central Railroad will carry household goods and other freight at half regular freight rates.

Parties who may wish to look at the lands can also obtain any desired information from any of the agents of the Company.

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The fullest information in regard to climate, crops, taxes, prices of lands, and any other subject of interest to persons intending to immigrate, will be furnished upon application, in person or by letter, to

HON. O. M. BARNES, *Land Commissioner* , LANSING, MICH.

83

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TO THE PUBLIC.

This little book, born of the Compiler's own necessities, is presented to fill the need of a compact compendium of practical information about the State of Michigan, of little cost and bulk and of easy reference. No pains have been spared to collect the latest data and to secure the utmost accuracy. Errors may possibly exist and the Compiler will be thankful to have them, as well as any changes that may occur, pointed out, but it is confidently believed to be more accurate within its scope than any similar publication. Should it be found to be useful and to meet with public favor, it is proposed to revise and enlarge it from time to time, by the addition of much valuable matter now being prepared, and make it a standard handbook of the State.

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The Compiler .

ADDENDA AND CORRIGENDA.

Page 15, At the spring election, 1885, Allen B. Morse, Fusion, was elected Justice of the Supreme Court over Thomas M. Cooley, Republican, for the term of eight years ending December 31, 1893. By the subsequent resignation of Judge Cooley, Judge Campbell becomes Chief Justice by Seniority.

The Legislature at its last session created the counties of Alger from the north and west portions of Schoolcraft and Iron from the west portion of Marquette.

Page 61. Brandon is now discontinued. Barron Lake, Cass county, Fairland, Berrien county, and Wadsworth, Huron county, are new Post Offices.

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THE GREAT HIGHWAY OF EAST AND WEST TRAVEL.

“THE NIAGARA FALLS ROUTE.”

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SUMPTUOUS MEALS IN DINING CARS.

E. O. BROWN Gen'l Supt., DETROIT.

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